Aerospace/Defence Capability Guide

www.nbaerodef.ca

The Aerospace/Defence Capability Guide is a joint effort between the Government of Canada (Atlantic Canada Opportunities Agency) and the Government of New Brunswick (Business New Brunswick).

New Brunswick Aerospace and Defence Association (NBADA)

The New Brunswick Aerospace and Defence Association (NBADA) was formed primarily to increase customer awareness of the products, services, skills and expertise offered by the New Brunswick aerospace and defence sector. NBADA represents the interests of over 60 New Brunswick organizations.

The following is an outline of our objectives:

- To coordinate the efforts of the members
- Promote the capabilities of the members
- Plan events to highlight the capabilities of the association
- Act as an advocate for the membership.

NBADA members have proven capabilities in manufacturing, information technology (IT), research and development (R&D) and the provision of airport infrastructure and logistics. Market-driven and customer focused, members have developed a reputation for innovative, competitively priced, high quality products and services, a reputation backed by conformance to recognized industry standards and procedures, such as the ISO quality standard. Member expertise spans a broad range of activities including:

- Metal fabrication and precision machining
- development of e-learning systems
- electronics/avionics assembly
- aerospace design
- advanced composites research
- secure communications research
- simulation technologies
- human factors engineering
- 3D data integration
- geomatics and GIS
- airport operations
- advanced communication infrastructure

Although the NBADA is a new organization, its members have a proven history in the aerospace and defence market through their involvement in major defence projects, such as the development and production of Canada's fleet of modern frigates, as repeat suppliers to major commercial aerospace manufacturers, various NATO member countries and, of course, the Canadian Department of Defence. In fact, many NBADA members cut their teeth in the defence market as suppliers to Canadian Forces Base Gagetown, the largest armed forces training base in the British Commonwealth, which is located in Oromocto, New Brunswick.

The company profiles included in this guide provide you with complete details on all of our members, including contact information. If you require further information on either the NBADA or our members, please contact us.

NBADA
PO Box 787, Postal Station A, 570 Queen St.
Fredericton, New Brunswick E3B 5B4

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Title: President

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Message from the Minister of State for the Atlantic Canada Opportunities Agency

As Minister of State for the Atlantic Canada Opportunities Agency (ACOA), I am pleased to present to you the second edition of the New Brunswick Aerospace/Defence Capability Guide.

This guide profiles a wide range of New Brunswick companies who are proving they are innovation leaders across a variety of technological applications.

New Brunswick companies excel in manufacturing and technology, and they have proven their capabilities in aerospace and defence fields such as electronic manufacturing, telecommunications, aeronautical electronics, marine and hydrographic defence, air traffic control systems, wireless communication systems, e-learning, as well as other innovative products and services.

With their worldwide reputations already established, these companies continue to demonstrate an enviable competitive edge with a strong commitment to quality and service. You will find their highly specialized products and services at work all over the world, providing safe and efficient air travel solutions, enabling secure communications and supporting the operations of our military and its allies.

Canada is one of the most cost-effective country in which to do business. According to the World Economic Forum, Canada ranks third in its "growth competitiveness" index. And in fact, the recently released KPMG *Competitive Alternatives* study demonstrates that cities in Atlantic Canada have significant cost advantages over cities in other G7 countries. For example, the cost savings of running a business in Atlantic Canada averages 16.2% relative to other U.S. cities.

In addition to these significant achievements, Canada has the most generous research and development tax incentives in the world, which contribute to making our country a magnet for new ideas and ventures.

And, in 2000, the Government of Canada introduced a five-year tax reduction plan, which represents the largest tax cut in the country's history. Under this plan, a number of corporate tax measures were introduced to create a tax advantage for small, medium and large businesses – a strong incentive for new investment in Canada.

I invite you to contact the businesses represented in the guide and inquire about their innovative products and how they can meet your needs. You will understand their drive to succeed and their desire to provide you with high quality products that will add value to your company's bottom line.

I am confident that this guide will be a quick and convenient tool for your purchasing needs.

Sincerely yours,

Hon. Gerry Byrne, PC, MP

Message from the Premier of New Brunswick

In New Brunswick, we are following a comprehensive plan to transform the provincial economy and create greater opportunity for New Brunswickers. *Greater Opportunity: New Brunswick's Prosperity Plan* focuses on getting the fundamentals right to ensure our province is globally competitive. This long-term plan will create jobs today and will ensure we can create jobs in the future. It is an approach which chooses prosperity.

The aerospace and defence industry has been identified as a target for positive growth in New Brunswick. It is part of our plan for prosperity. By organizing and assisting our companies in presenting themselves and their capabilities, we are opening the door to increased business, economic development and job creation. We are helping to build the industry, while securing a stronger economic environment for our province.

In so doing, I am pleased to present the second edition of the New Brunswick Aerospace/Defence Capability Guide. Last year's first edition was distributed around the world and we anticipate this 2002 version will be just as well received. The leading edge work performed by our companies is an example of the province's ability to embrace innovation. We are proud to have this opportunity to showcase companies in New Brunswick that are already producing world class aerospace and defence related products and support services.

In this guide, you will find a range of New Brunswick companies which are ready to do business with you. Their products and services include metal fabrication, precision machining, e-learning, systems integration, simulation technologies, electronics and human factors engineering.

These New Brunswick companies have the technological expertise and the industrial know-how to provide the services, software and expertise you need in aerospace and defence. New Brunswick also has the support structure and research and development capabilities to support our businesses and your requirements.

Make New Brunswick your destination for aerospace and defence. Our business climate is vibrant. The KPMG global competitiveness study revealed New Brunswick is among the top Canadian locations to invest and do business. We are cost competitive and we are attracting new business partners.

I invite you to see for yourselves what New Brunswick companies and agencies can do for you.

Premier Bernard Lord

Message from the Minister of State for the Atlantic Canada Opportunities Agency

Message from the Premier of New Brunswick

CANADA
NEW BRUNSWICK

New Brunswick, Canada

Positioned for success in the Aerospace and Defence Industry:

Global advantages of doing business in and with New Brunswick companies

- New Brunswick is the only province in Canada bilingual province with a coastline.
- New Brunswick companies enjoy high value-to-cost ratio in terms of operating cost. Manufacturing costs are 10% to 15% lower. Shipping, and energy costs.
- Provincial and federal governments provide some of the most competitive corporate tax rates in the industrialized world.
- New Brunswick's location is the closest North American province to Europe. Halifax Airport is the closest city to Moncton.
- Competitive Canadian dollar.
- Skilled energy sources.
- Located adjacent to New England and Eastern Canada markets.

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JNSWICK

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New Brunswick, Canada

Positioned for success in the Aerospace and Defence Industry:

New Brunswick, the largest of Canada's three Maritime Provinces is nestled under Quebec's Gaspé Peninsula and beside the State of Maine.

Located in the heart of the Atlantic Trading Bloc, New Brunswick is strategically located for investment and trade and a short distance to three of the world's great trading blocs: the European Union and North America. Each are covered by specialized trade agreements, enabling New Brunswick businesses to act.

The region's major ports, airports and intermodal facilities are located along the corridor, which carries over 90 per cent of Atlantic Canada's exports to North American and global markets.

Canadian National Railways, the only transcontinental network in North America, links New Brunswick businesses with both the Atlantic and Pacific U.S. seaboards, Central Canada, and the Gulf of Mexico.

Efficient and environmentally sustainable air access is available through airports offering regularly scheduled passenger and freight flights, seven days a week.

New Brunswick's five ports permit inexpensive and convenient shipping of raw materials and finished goods to the United States and Europe. New Brunswick's cargo ports consist of:

- Saint John Port Authority
  www.sjport.com
- Belledune Port Authority
  www.portofbelledune.ca
- Bayside Port Corporation
- Miramichi Port
- Dalhousie Port

Distinct advantages of doing business in and with New Brunswick companies:

- New Brunswick is the only officially bilingual province in Canada.
- New Brunswick consistently ranks high when it comes to having low operating costs. Our distinct advantages relate to taxation, shipping and energy costs.
- Province-wide dual fiber optics and ADSL broadband digital cable and telephone provide some of the world's best communications services.
- New Brunswick is home to first-rate research and development facilities that bolster support of our manufacturing and information technology industries.
- Competitive Canadian dollar.
- Reliable energy sources.
- Located adjacent to New England and close to European markets.

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Communications – MCpl Jeff D. de Mellitor

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Fredericton Airport			X			X		X		X		X		X			X								X				X	X	
Fujitsu										X								X						X			X	X			
Genieo											X		X												X		X				
Ibridge Inc.																								X	X	X	X	X	X	X	
Industrial Rubber																									X						X
Innovatia										X							X							X			X			X	
Intelysis								X																			X	X			
Jaycon								X		X							X							X		X					
JOT																	X							X	X		X			X	
L&A Metal Works					X																	X									X
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Malley Industries																						X	X								X
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Université de Moncton									X						X		X	X							X					X	
Xwave								X		X							X	X						X	X	X	X	X		X	

Company Capabilities Chart

	Aircraft components and assembly	Aircraft ground support	Aircraft repair and overhaul (MRO)	Aircraft structures	Antennas and sensors	Avionics and navigation	Coatings (CARC)	Communications	Composite materials	Consulting & management services	Design and engineering	Electrical & electronic components	Electronic equipment design	Electronic overhaul	Electro-optics	Engine components	Facilities management	Geomatics and GIS	Human resource development	Infrastructure management	Inspection and testing services	Integrated logistic support	Machined components	Metal fabrication	Power supplies and converters	Project management	Research & development	Security	Software design & development	System integration	Test/measurement equipment	Tool design	Training and simulation	Vehicle repair and overhaul
Adtech Manufacturing	X			X							X												X	X	X		X				X		
Amos Consulting										X																							
AnyWare Group								X		X	X															X		X	X	X				
APEX	X			X							X												X	X			X				X			
Approach Navigation		X			X			X																									
AQTS																				X											X			
Arvin																							X											X
Bombardier											X		X													X	X			X				
Bulletproof										X	X															X		X	X	X				
BWS																								X										
CARIS																		X										X						
CFB Gagetown																	X																X	
CGI										X										X						X			X	X				
Content Alive										X																X			X					
CyberSecure																											X	X	X				X	
Dramis								X														X							X					
Dew Engineering																																		X
EDS										X																X		X	X	X				

PHOTO: Cpl Lou Penney - 3 PFCLI BG Photographer

New Brunswick Companies

The Province of New Brunswick has created the technological environment and infrastructure to support companies in producing aerospace and defence – related products and support services.

New Brunswick has a range of companies that are producing world-class aerospace and defence-related products and support services. These companies excel in manufacturing and information technology. They have proven capabilities in related aerospace and defence fields such as metal fabrication, precision machining, development of e-learning systems, electronics/avionics assembly, aerospace design, advanced composites research and secure communications research. Their reputation for innovative, competitive goods and services are driving the growth of our industry in New Brunswick.

Adtech Manufacturing Ltd.

Adtech Manufacturing Ltd. was founded in 1991 and supplies products to:

- the aerospace industry
- the nuclear energy industry
- the defense industry
- the integrated circuit manufacturing industry

FOLLOWING QUALITY STANDARDS

As a High Tech Manufacturer, Adtech Manufacturing has been audited and approved for its implementation of the following Quality Assurance programs:

- AQAP – 2
- CSA – Z299.2
- DPSS – 8001006
- ISO 9001

In addition, Adtech is certified to manufacture Nuclear Class Pressure Boundary Components to:

- ASME Section III Class 1
- ASME Section VIII

OUR PRODUCTS:

Adtech Manufacturing Ltd. designs and/or provides certified production for the following product lines:

High reliability control systems intended to operate in a hostile environment*. This may integrate as necessary, hydraulic, fluidic, pneumatic, mechanical, electrical or electronic subsystems.

Fluidic and Pneumatic Actuators

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P.O. Box 1611, Station B
Fredericton, NB E3A 3L7
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Title: Operations Manager
Tel: +1 506.453.8600 Fax: +1 506.453.4595
e-mail: bchamberlain@gnb.ca

"We define "hostile environment" as an environment combining any of the following characteristics:

- High level of radiation particle or gamma
- High, extreme low, or cycling temperatures
- High vibration
- High pressure or vacuum
- High erosion rate
- Impact proof

Pressure boundary pressure or vacuum flanges, installation or instrument enclosures, small vessels, and other components to ASME Section III Class 1.

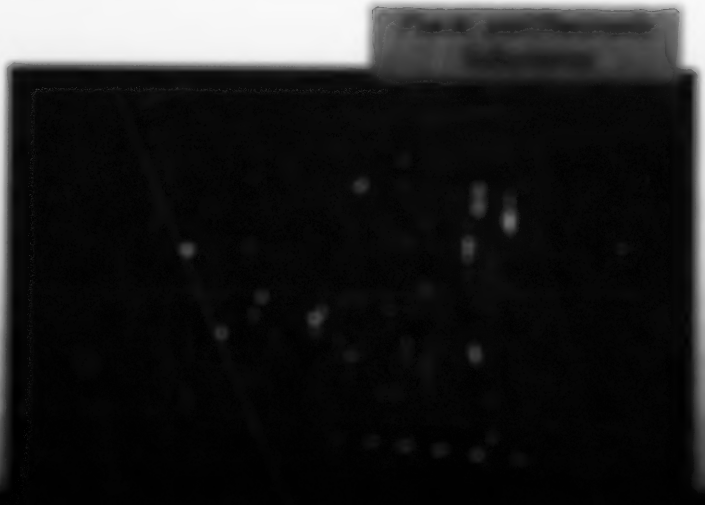
[illegible]

- Decontamination equipment and systems
- radioactive waste reduction equipment and systems
- Remote/auto-inserter pressure tube end fittings

End users for products designed and manufactured by Alltech Manufacturing Ltd. are:

- BEPCO (Bahamas Electrical Power Corp)
- TEPAPE (Timor Electrical Power Corp)
- NBEPC (New Brunswick Electric Power Commission)
- Electric Bell (Belgium Electric Power Corp)
- Ontario Hydro
- NASA (National Aeronautics and Space Administration)
- DND (Department of National Defence Canada)

For more information on the expertise and capabilities of Alltech Manufacturing Ltd. visit our affiliate company Precision Metal Works Ltd. included in Guide.



Aerion Consultants

Aerion Consultants provides engineering and technical support to the aviation industry within the Canadian Aviation Regulations framework. Services are offered in the following fields:

- Aircraft Certification
- Engineering
- Certification of Modifications (STCs)
- Flight calibration
- Major/Minor repair/modification procedures
- Inspection program approvals
- Non-destructive testing (NDT) of products including aerostructures (Level II)
- Approved Maintenance Organization (AMO)
- Maintenance control approvals
- Maintenance control manual approvals
- Management Appointments
- Audits and Inspections
- Negotiations with regulatory authorities
- Support for Proposal/RFP Services
- Preparation and negotiation with various agencies
- Documentation Preparation
- IP, patent, invention, licensing & ownership issues
- General Aviation
- Training, including advisory committees, public consultation, development and NDT approvals
- Representation for ground and aviation related hearings

AERION CONSULTANTS LTD.
[illegible] Moncton, NB E1A 1X5
[illegible]
[illegible]
Tel: [illegible] Fax: [illegible]
[illegible]

ANYWARE GROUP

OUR COMPANY

Anyware Group specializes in business-process engineering and the delivery of integrated voice and data communication solutions for mid to large sized telecommunications companies and solution providers. We provide services and solutions to clients in over 12 countries, located throughout four continents: North America, South America, Asia and Africa.

Our focus is on delivering highly innovative solutions. We design, support and integrate wireless technologies, Internet, and enterprise applications within N-Tiered environments. We excel in innovative product development and high-end network engineering.

Our corporate head office is located in Saint John, New Brunswick Canada with satellite offices in Moncton, Fredericton, St. John's, Calgary and Regina.

OUR MISSION

To design, develop and deliver solutions that will enhance the efficiency and profitability of our clients.

OUR VISION

Our Corporate growth strategy includes greater involvement within the wireless communication and defence sectors. We offer expertise in the design & development of robust telecommunications infrastructure and custom security products.

OUR TEAM

Our strength is our people. We have a highly skilled technical team with extensive industry experience and expertise. The Anyware Team consists of a dynamic group of system engineers, database architects, application designers and developers. This high level of expertise enables Anyware to offer innovative open-ended solutions, designed to generate new internal efficiencies and revenue opportunities.

To meet the demands of a global marketplace, our team can deliver services in French, English or Spanish.

ANYWARE GROUP INC.
15 Market Square – Suite 1602
Saint John, NB. E2L 1E8

Contact: John Gaudet
Title: Director of Sales

Tel: +1 506.643.6600 Fax: +1 506.643.6601
e-mail: john.gaudet@anywaregroup.com
www.anywaregroup.com

OUR CORE SERVICE OFFERINGS

Our core service offerings are categorized into software engineering, quality assurance and test solutions, wireless communications, and outsourced managed services. Services can be delivered independently or combined to be all-inclusive, on-site or remotely managed. We specialize in the following sectors: Network Service Providers (Wireless and Broadband/Fiber), Wireless Hardware providers & OEM's, Corporate Users (other telecom carriers, PLC Developers, e-learning, Bio-Technology, Real Estate/GIS, Public Sector Infrastructure development and e-government.

SYSTEM ENGINEERING & TECHNICAL SUPPORT PROFESSIONALS

AnyWare Group's technical team and system architects offer a full range of technical support services from network management and evaluation to security and monitoring services. Our project manager's use refined project management methodologies, detailed scope definitions as well as detailed project plans identifying cost and schedule milestones. Our System Integration services consist of: Preliminary System Architecture Design, System Requirements Analysis, Systems Integration Evaluation and Design, System and Capacity Testing and Evaluation, Systems Definition and Requirements Allocation, Design of Multi-Threaded Multi-Task Systems, Detailed System Architecture Design.

SOFTWARE ENGINEERING

Our experienced Software Engineering staff can work independently or with your engineering team to produce requirements and software that make your project a success. Our knowledge comes from many years of Full Life-Cycle Software development in many industries including the very structured and tightly controlled telecommunications industry. We can develop a Statement of Work, develop system level requirements, develop software level requirements and perform the formal verification and validation.

QUALITY ASSURANCE & TEST SOLUTIONS

One key to the success of AnyWare Solutions and Outsourcing is the quality of our core staff. Our core staff consists of Application Developers averaging 8 years of experience with careers spanning many industries, technologies, and applications. Utilizing the latest automated testing tools our team can effectively and efficiently assist you to identify and resolve product quality issues. Our testing solutions consist of: Independent Verification & Validation, Certification Document/Process Creation, System/Software Integration Testing, Hardware/Software Integration Testing, Low Level Verification Testing, Tool Qualification, Traceability Tables.

OUR TECHNICAL COMPETENCIES

AnyWare management has been very successful in attracting and retaining highly skilled people. Our core competencies include a high level of expertise with each of the following technical domains: Databases (Oracle, SQL Server, DB2, Sybase, MS-SQL, Interbase, MySQL), Tools (C/C++, JAVA, Delphi/Kylix, J-Builder, CORBA, JSP, ASP, Visual Studio), Operating Systems (Windows NT, Linux, Unix - Solaris, AIX, HP-UX), Network Technologies (HP Openview, NetView, Tivoli, HACMP, Checkpoint, Nortel, Cisco, VPN, Network Security, TCP/IP, VoIP, Network Design.

APEX Industries Inc.

Apex Industries Inc., Technologies Division, specializes in the exacting requirements of aircraft and defense part production for companies throughout the world.

Established in 1989, the division has grown from a manufacturer of precision machined components to an integrated supplier of complex assemblies including both machined and sheet metal components. Our capabilities include:

- CNC Machining
- CNC Sheet Metal Fabrication
- Manual Machining
- Aerospace Qualified Welding
- Riveting

Via a network of established suppliers, we offer services including:

- Painting
- Plating, Chemical Conversion, Anodizing
- Passivation
- Heat Treatment
- Non Destructive Testing

To maintain consistent quality with established standards, the division has implemented QC policies and procedures using ISO 9002-1994 as a guideline. Independent auditors and various customers have found compliance to the ISO standard and to other programs.

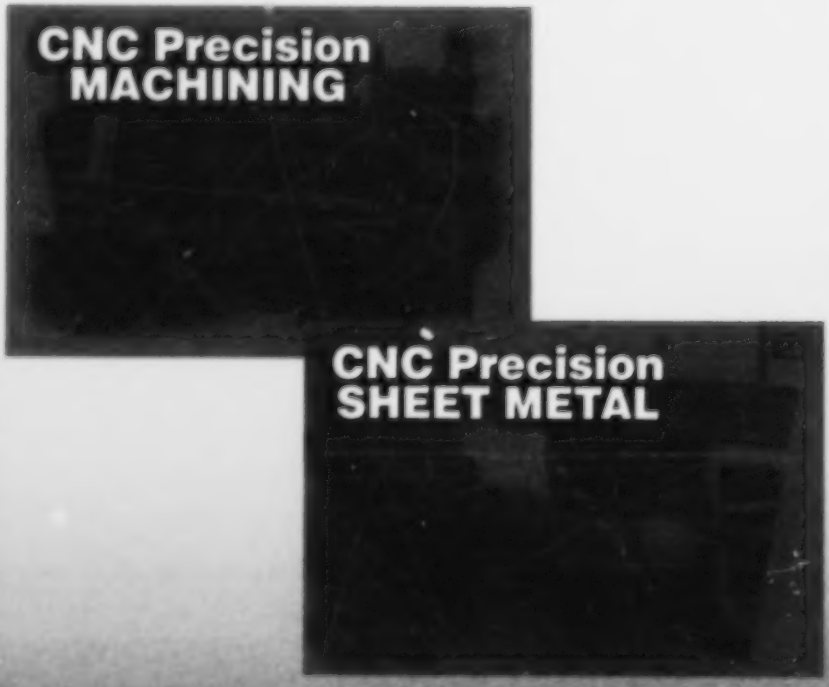
APEX INDUSTRIES INC.
TECHNOLOGIES DIVISION
100 Millennium Blvd., PO Box 582
Moncton, NB E1C 8M6

Contact: Peter Gray
Title: Business Development Manager

Tel: +1 506.857.1600 Fax: +1 506.857.7563
e-mail: pmgray@apexindustries.com
www.apexindustries.com

Our staff is well trained in the requirements of the Aerospace and Defence industry. As a result, long-term agreements and preferred supplier status have been established with several international corporations. To better service the needs of these customers an ERP software solution has been installed that allows tracking of all jobs throughout the production cycle. As well, we are able to receive engineering information in CATIA format.

As a division of a larger company, the Technologies Division has the financial strength to meet the long-term requirements of international customers and is continually expanding to meet market demand. Apex Industries Inc. has proven itself as an organization capable of meeting and surpassing customer requirements.



APPROACH NAVIGATION SYSTEMS INC.
409 Dieppe Blvd.
Dieppe, New Brunswick
E1A 6P8
Tel: (506) 854-2967
Fax: (506) 854-0030
Contact: Brian Ahern, President
Email: bahern@approach.nb.ca

Approach Navigation Systems Inc. ("ANS") is a Canadian corporation offering technical and bilingual consulting services to the aviation and transportation community worldwide. Based in Dieppe, New Brunswick, ANS has the capability and expertise to successfully implement any project in the fields of Air Navigation, Airport Communications and Lighting, Automated Weather Observation Systems (AWOS) for aviation, and Roadway Weather Information Systems (RWIS).

MISSION:

ANS's mission is to:

- Supply quality products at competitive prices
- Provide full-time service and support
- Sustain a reputation of respect
- Develop new products to satisfy changing customer needs
- Strive to be a market leader for Navaids and Weather Systems in Canada and Worldwide.

CAPABILITIES:

Specializing in aeronautical electronics and airport support equipment, ANS can supply, install, and maintain a wide range of systems including:

- Automated Weather Observation Systems (AWOS) that broadcast airport weather.
- Radio navigation systems, such as VOR, DME, ILS, NDB, and related Instrument Approach Procedure design including GPS.

- Radio telecommunication, transmitting and receiving equipment operating on any frequency band, and satellite ground stations.
- Electronic support equipment such as CCTV systems, antennae, and foldover towers.

APPROACH NAVIGATION SYSTEMS INC.
409 Dieppe Blvd.
Dieppe, NB E1A 6P8
Contact: Brian Ahern, President
Tel: +1 506.854.2967 Fax: +1 506.854.0030
e-mail: bahern@approach.nb.ca
www.approach.nb.ca

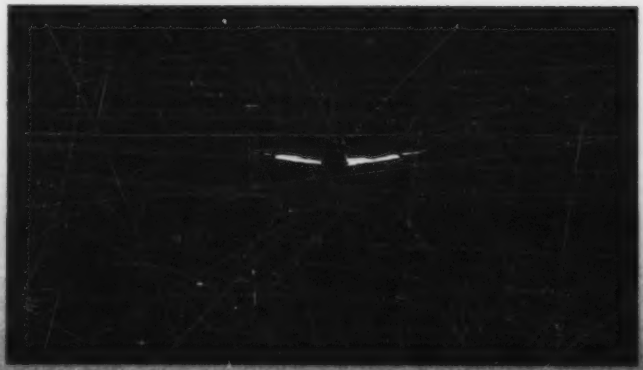
- Runway and taxiway lighting systems, approach lighting, PAPI and VASIS.
- Roadway Weather Information Systems (RWIS) to report weather conditions such as icing on roadways and runways.
- Remote Maintenance Monitoring (RMM) available for many equipment types.

CONSULTING SERVICES:

ANS has consulting expertise to study, evaluate and make recommendations on:

- Airport operational requirements
- Airport electronic system maintenance
- Navigational aids and telecommunications requirements
- Weather reporting services

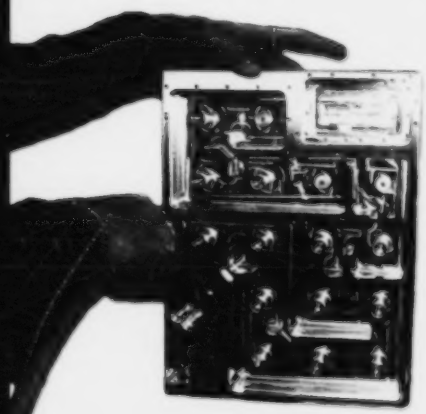
ANS personnel have accumulated many years of experience and considerable expertise fulfilling contracts throughout Canada, and internationally. Recent aviation activities include installing navigation aids at Ekati NWT and on an oil rig off Mexico, design of GPS approaches in Manitoba, provision of an AWOS at Florenceville NB, and consultant service for a new airport in Indonesia. RWIS business includes 14 systems in Nova Scotia, 2 systems each for St.John's NF and Kelowna BC, and pursuit of contracts for several provinces.



ARVIN

Arvin Machine Works is one of the largest capacity machining facilities in Eastern Canada. The firm provides precision-machined components and OEM replacement parts to a diverse range of clients including the aerospace industry, wireless communication sector, defence programs, forestry industry, and numerous industrial customers.

Arvin has over 30 programmable machining centers (CNC milling and turning centers) and operates on a continuous basis (24 hours per day, seven days per week) in response to customer demand. Milling centers include 4th axis capabilities, and multi pallet high speed (12000 – 15000 rpm) horizontal machining centers. Arvin has multi-axis CNC lathes (up to 5 meter capacity), bar feeders, live tooling, large boring mills (102-inch diameter capacity), gear hobbers (up to 70 inches), shaping equipment, and a range of saws, grinders, heat treatment ovens, welding and cutting facilities, and related capabilities.



Arvin's skilled programmers, trades people, and quality assurance staff understand that responsive service is an important component of their work. Quality custom machining, a commitment to schedules and product delivery, and control of raw material and finished goods inventories are integral to Arvin's production process. Arvin's quality control

ARVIN SPECIAL MACHINERY LTD.
626 Newcastle Blvd.,
Miramichi, NB, E1V 2L3

Contact: Mike Bowes
Title: Marketing Manager

Tel: +1 506.773.5887 Fax: +1 506.773.6048
e-mail: mbowes@atcongroup.com

department includes two coordinate measuring machines and a broad range of regularly calibrated measuring devices.

Arvin's quality management system is registered to the ISO 9001:2000 standard. Traceability from in-coming material to final product is a cornerstone of the system. Inspection and testing, documentation, and related activities are based on extensive in-house standards and are enhanced as appropriate to meet the specific requirements of individual customer.

CORPORATE HISTORY / OWNERSHIP

Arvin Machine Works was established in 1973. In 1999, the firm became a member of the Atcon Group of companies. Other members of the Atcon Group include Trac Industries, a metal fabricator and Plymac Inc., a designer and supplier of large dryers for the plywood industry, and associated handling and lay-up lines. These associates provide support services to Arvin where appropriate.

Arvin is registered under the Controlled Goods Registration Program and has experience in this industry. Arvin has previously fabricated a variety of components for defence and aerospace projects. These include sprockets and bearing housings for armoured personnel carriers, components for rocket launchers and emergency locator transponders, aircraft components and other products. Arvin's CAGE code is OCO86. The versatile workforce, corporate strength and broad range of machining capabilities enable Arvin to provide responsive service to opportunities in the defence and aerospace sectors.

AQTS

PROFILE:

Atlantic Quality & Technical Services Limited (AQTS) and its affiliated companies, Atlantic NDT Inc. and AQTS Inc., offer a full range of technical services to industries throughout Canada and the eastern United States. The industries served include Pulp and Paper, Petrochemical, Shipbuilding, Power Generation (including nuclear), Structural, Mechanical, Piping Fabricators, Food Processing, Commercial and Government Agencies, including the Canadian military. Our head office is located in Saint John, New Brunswick on Bayside Drive, with branch offices in Dartmouth, Nova Scotia and Fairfield, Maine, USA.

With a staff of approximately 100 personnel and a fleet of 30 vehicles plus several specially outfitted trailers, the AQTS Group responds quickly to Clients' needs and provides service 24 hours a day, 7 days a week when necessary.

HISTORY:

The AQTS Group was established in 1995 as an outgrowth of the Quality Assurance, Dimensional Alignment, Welding/Metallurgical, and Calibration services provided by Saint John Shipbuilding during its design and construction of the twelve Canadian Patrol Frigates for the Canadian Navy. This $6.2 billion project was the largest military procurement contract awarded to private industry by the Canadian government, with many of the current AQTS Group personnel being major participants.

Atlantic NDT was formed in 1998 to provide a full range of nondestructive testing services to industry, while AQTS Inc. was added to the Group in 1999 to service the United States market.

CAPABILITIES:

The extensive range of technical and quality services that the AQTS Group can provide to the Aerospace and Defence sector includes the following:

Inspection and Testing Services, including source inspection and expediting, vibration monitoring and analysis, complete calibration service and repair facility, welding technology, metallurgical and chemical analysis and development and implementation of Quality and Environmental Management systems.

Dimensional Control and Surveying Services including precision alignments, foundation and mechanical layouts, as-built surveys, grade surveys, GPS capability, and computer aided drawing support.

THE AQTS GROUP
P.O. Box 5250, Bayside Drive
Saint John, NB, E2L 3C9

Contact: Phil McGauley
Title: Manager, Business Development

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e-mail: mcgauley.phil@aqts.com
www.aqts.com

Material Handling Services including inspections, repairs, rebuilds and modernizations to all makes and models of cranes, weigh scales and conveyor systems. AQTS is the authorized Dealer for DEMAG cranes and hoists for the Atlantic Region.

Technical Personnel Placement, including planners, schedulers and project personnel.

Nondestructive Examination Services including X-ray and gamma ray sources, mobile darkrooms, ultrasonic, magnetic particle and liquid penetrant methods as well as heat treatment services.

Atlantic Quality & Technical Services (AQTS) has the unique capability of offering a variety of services and arrangements for the Aerospace/ Defence industries. AQTS personnel played a major role in previous military projects, and were directly involved with key participants of the Canadian military, system designers, shipbuilders, engineering and equipment suppliers. AQTS is also fully qualified for Quality Assurance activities as well as project control of combat system integration, subcontract management and manufacturing operations. AQTS is known by its Clients for its commitment to Quality in its design and services. Through rigorous application, AQTS has substantially reduced rework for its Clients and has greatly contributed to improved productivity in the manufacturing process.

CUSTOMER FOCUS:

The staff of the AQTS Group has extensive experience in dealing with standard and non-standard applications of the services we provide in a wide variety of industrial applications. AQTS believes that its competitive advantage is a result of the following:

- We are a quality, low cost organization
- We have qualified, skilled technicians
- We produce high quality, detailed reports
- We have industry competitive labour rates
- We are a reliable and proven schedule driven organization
- We are an ISO 9001 organization
- We are a continuous improvement company
- We work with Clients to drive down costs
- We are Total Service, Total Quality

BOMBARDIER
AEROSPACE

Experience the Extraordinary

Engineering Services Centre

aerospace design, analysis & certification

The Engineering Services Centre was established in 1997 by Bombardier Aerospace Business Services to provide cost effective aerospace engineering support to aircraft manufacturers, operators and interior completion centres. Whether our clients require turnkey project engineering or contract engineering support, the team at the Engineering Services Centre has the skills and resources to meet their needs. Our services include:

Design of Structural/Mechanical Systems and Aircraft Interiors

- Design, modification, repair development and analysis
- Static, fatigue and damage tolerance analysis using classical and finite element analysis methods (NASTRAN™ and VAST/RAN™)
- 3D and 2D design capabilities utilizing CATIA™ and AutoCAD™

Avionics/Electrical Systems Design

- systems definition
- systems integration
- electrical load analysis
- Communication design and routing

ENGINEERING SERVICES CENTRE
Suite 601, King Tower
King's Place, 440 King Street
Fredericton, N.B., Canada E3B 5H8

Contact: Andrew Leeming
Title: Section Chief

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e-mail:
andrew.leeming@aerospace.bombardier.com
www.bombardier.com

Maintenance Engineering Support

- Repair development and analysis

Transport Canada Design Approval Certification

- Supplemental Type Certificates, Limited Supplemental Type Certificates and Repair Design Certification

ERO Engineering

- Incorporate modified structure on aircraft in the Bombardier product line, including Bombardier's Regional Jet™ & Global Express™ (Bombardier Dash 8 and Learjet aircraft)

Wing Centre Engineering Project Management

- Contract management, including supplier identification/qualification, project planning and performance, design through to certification, manufacturing and delivery of the finished product

Manufacturing Capabilities

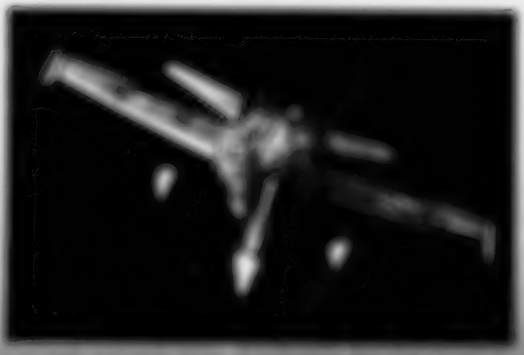
- Fabrication, repair, overhaul and manufacture of aerospace structural and electrical systems or components through partnerships with independent manufacturers or by utilizing the facilities of other Bombardier subsidiaries

Certifications

- Transport Canada Design Approval Organization (AP-12-01 & 561-903)

Current Projects

- Flexible scale models, vibration shakers and ETA testing for the Global Express
- Global Express, Challenger and Global 5000 current model shipset systems
- Canadian Armed Forces CC-130 Hercules Software Life Extension (SLEP) program
- Dassault, CAE and pylon and fairings extension
- CRJ Modified Super Low engine nacelle line



Security

- Security Architecture / Design
- Security Risk Analysis and Assessment
- Security Improvements
- Internet Content Filtering/Scanning
- Anti-Virus Solutions
- Authentication Systems
- Firewall and Intrusion Detection
- Virtual Private Networking
- SAN / Managed Security Systems

Networking

- Design and Implementation
- Upgrade / Planning
- IT Assessment
- Wireless Communications
- Network Assessment
- Routers / Servers

Service

Because we compete in focused as Security and Networking, we live by high, skilled and personal service. We know it is the little things we do and the way we behave that differentiate us from our competitors. Our primary service offerings are highlighted to the right.

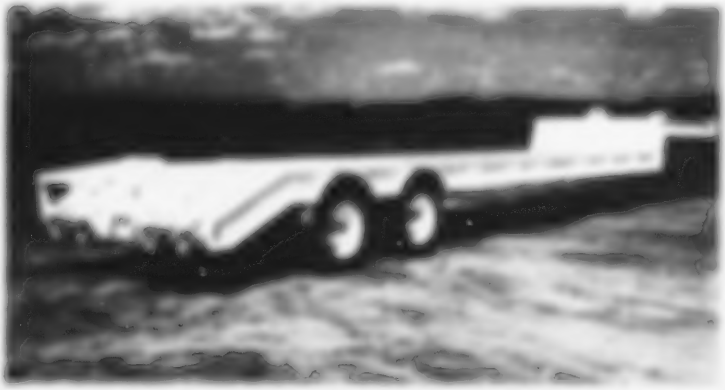
Security

Information security must be a pro-active thought in the data future. Every business and organization faces the risk of unauthorized access, corrupted data, theft or destruction of important information and records. Some are more vulnerable than others, but the potential for loss is always there. Through planning, assessment, and implementation

Networking

Technological solutions to provide opportunities for organizations can be complex, time consuming, and costly. Whether you are upgrading your legacy system, or moving to a brand new installation, Technological Edge can work with you to provide cost effective, high performance, and reliable solutions. We don't go out and buy an inventory and then find customers to sell it to. We first listen to your needs, then design a solution to meet your specific requirements.

BWS Manufacturing Ltd.



BWS Manufacturing Ltd. is a privately owned company specializing in the design and manufacture of various styles of semi-trailers and truck body equipment.

The company has been in business since 1967 with head office and manufacturing facilities located in Centreville, New Brunswick, four miles from the United States border. The plant is conveniently located only 30 miles from the beginning of Interstate 95, the major highway that extends down the Eastern Seaboard of the United States from Maine to Florida.

BWS is fully computerized, including CAD for design and Agama manufacturing software for materials and production control. It is registered with the Canadian Welding Bureau and certified to CSA Standards W47.1 and W59. BWS has had a formal quality control program in place for some time now. The Canadian

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10 Montana St., Centreville, NB, E7K 1E9
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Title: President
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e-mail: bwsadmin@nb.aibn.com

Department of National Defence (DND) recently audited and approved this program. In keeping with its commitment to quality, BMS is currently updating its quality control program to comply with ISO 9001 certification requirements, which it expects to receive within 18 months.

BMS has exported it products around the world. Through the successful completion of several military contracts the company has become very familiar with government requirements, procedures and inspection processes for quality assurance and quality control. Over the years BMS has supplied DND with several specialized wagon trailers, pull trailers and truck body equipment. Several of these units have been used in the United Nations peacekeeping operations of the Canadian military and several versions were used on the commercial side of the DND. We have designed and manufactured arms tank carrier trailers for the Bangladesh Army and several of our general commodity trailers can be found in countries such as Zaire, Nigeria, Ivory Coast and Nicaragua.

No matter how specialized a product a customer requires, BMS has the experience and resources to design and manufacture that product so that it meets or exceeds the customer's stringent specifications.

caris

Cutting Edge Technology to Manage Your Land, Seas and Sky!

With more than 23 years experience providing Geomatics dealing with your spatial information software solutions, CARIS has the expertise and experience in providing solutions to the Aerospace/Defence Industries. With noted clients such as Thales, Raytheon, Oerlikon Contraves, United States Army Corps, NavalOceanographic, Canadian Hydrographic Service, the Royal Netherlands Navy, etc., CARIS has the solution!

The Aerospace/Defence Industry requires reliability, confidentiality and security. CARIS has the proven capability to work with our clients to ensure that desired results are always obtained. Our professionals are trained to work with clients to provide leading solutions, from software development to training and support. CARIS believes in total solutions.

Headquartered in Fredericton, New Brunswick, Canada, the company has grown to include offices in Ontario and Quebec, Canada; The Netherlands; and the United States. Expansion plans continue as our client list continues to grow.

Exporting to more than 70 countries worldwide, CARIS has gained a reputation as a world leader in the marine and hydrographic defence industries, and are now leveraging this expertise to promote the experience and capabilities in the Aerospace industry.

With the growing reliance on the solutions that Geomatics software provides, the Aerospace Industry is moving quickly to assess their needs and to obtain the necessary software tools to ensure that industry is more efficient and effective. CARIS has been a leader in the geomatics industry and continues to develop and initiate leading technologies, which are breaking territory in many markets.

Having worked with clients around the globe, CARIS software solutions are in air traffic control systems, in military and defence systems globally. CARIS has both the experience and expertise to ensure that the needs of the aerospace and defence industries are met!

Successfully working with clients such as the US Army Corps of Engineers to assist them with the primary mission of providing comprehensive engineering, management and technical support of the US Department of Defence and to State and local governments in defending security militarily, economically and environmentally, or the Australian Department of Defence for a Digital Hydrographic Database System, or coastal nations around the world in assisting them

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Contact: Mark MacKenzie
Title: Technical Sales Representative
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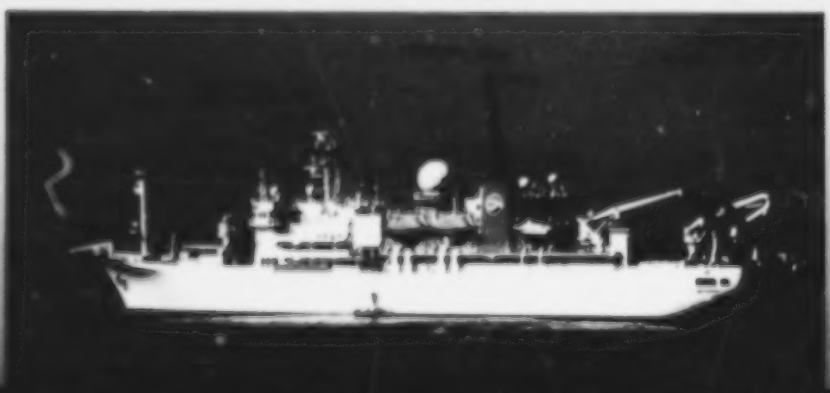
e-mail: mark.mackenzie@caris.com
www.caris.com

prepare their legal claim to the United Nations to maintain critical sovereignty lines are among few of the areas where CARIS has played a critical role in assisting the defence industry.

CARIS is committed to providing the most current technology, which conforms to international standards and professional customized training and consulting on a confidential basis! Providing total solutions is fundamental to what CARIS stands for. You are in good company with CARIS as we provide you with leading edge technology to manage your land, sea and skies.



Information technology is evolving by the hour, and keeping up with it can be a real challenge for your company. This is where we come in. CGI is committed to helping you meet your business objectives with end-to-end outsourcing, systems integration, consulting, and comprehensive business solutions.

Founded in 1976, CGI is the largest Canadian independent IT services firm and the fourth largest in North America, based on our headcount of 13,700 employees. We have annual revenue of US$1.3 billion (CDN$2.1 billion) and help our over 3,000 clients worldwide from more than 60 offices meet their strategic goals by providing them with an end-to-end offering of high level business and IT solutions.

Specialized expertise in six economic sectors enables CGI to provide strategic IT solutions responsive to our clients' needs. These sectors include:

- Government;
- Financial Services;
- Telecommunications;
- Manufacturing/Retail/Distribution;
- Utilities and Energy; and
- Healthcare.

The Government sector has provided CGI with experience in Defence related projects such as the Integrated Management Environment (IME) project for the Canadian Army.

In March of 2001, the IME was accepted for use across the Department of National Defence as the key information architecture component. It is now being used in the Infrastructure and Environment community and being examined for use in the Air Force.

CGI also has a long history in the Aerospace industry with such reputable firms as Bombardier Aerospace. CGI is currently providing a large team of skilled resources assisting Bombardier in a major implementation of SAP for ERP. CGI is providing management of the legacy manufacturing and procurement application environment (over 20 applications) through August 2004.

CGI ATLANTIC
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Fredericton, NB, E3C 2M7

Contact: Al MacDonald
Title: Senior Vice-President

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e-mail: Al.MacDonald@cgi.ca
www.cgi.ca

CGI also has extensive offshore software capabilities. Our offshore operations for rapid software development have been appraised at Level 5 of the Software Engineering Institute's (SEI) Capability Maturity Model (CMM). Level 5 certification places CGI among a select group of approximately 100 organizations worldwide to have achieved this level of quality.

CGI has strong values and a deeply rooted culture, which focuses on delivering quality. This focus is evident in our ISO 9001 certified management frameworks, which enables us to deliver services on time and on budget to a level well above industry standards. CGI was the first IT services company in North America to achieve ISO 9001 certification for its Project Management Framework and we are extending this certification to all functions throughout CGI worldwide.

CGI ATLANTIC

CGI Atlantic is recognized as an innovator and leader in our industry. With four offices in New Brunswick and Nova Scotia, we believe in partnering with and fostering the growth of the local IT community.

CGI ATLANTIC IS HOME TO:

The Component Based Development (CBD) Centre of Expertise for CGI - this centre leverages CGI's Intellectual Property, such as our Component Registry, and the advantages of CBD, such as reuse, to create applications of higher quality and faster time-to-market;

CGI's Single-Window Government Practice and gComm Lab - this practice allows CGI to address the needs of governments around the world as they transform towards providing single-window access for citizens, regardless of the channel chosen, with integrated business processes across multiple departments;

And an Authorized Java Centre, one of only two within CGI worldwide.

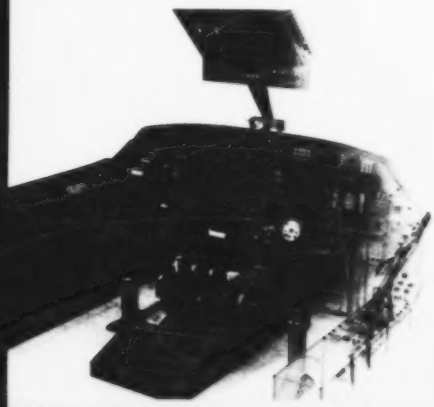
CGI Atlantic has also established a vibrant Healthcare/Family Community Services practice and a successful Remote Development practice.

CGI

consulting/systems integration/management of IT and business functions/www.cgi.com
ISO 9001 Certified **North America/Europe/Latin America/Asia**

ContentAlive

Content Alive Inc. is a Knowledge Management Services and Learning Solutions company with a significant market focus on Aerospace and Defence. They have completed Animated Systems, Dynamic Slides, Self-Learning Systems, and Walk-Arounds on over 100 rotary and fixed-wing aircraft, in both the Commercial and Military markets.



"Gulfstream IV Cockpit, an Animated System used as part of Pilot training."

Content Alive provides four main areas of expertise:

- Consulting Services
- Research and Development
- Design and Development
- Managed Services

Using non-proprietary tools, Content Alive's Design and Development team incorporates animation, multimedia, and graphics to produce training solutions that are innovative, dynamic, engaging and results-focused. Content Alive meets AICC, IEEE, SCORM and PMI standards and they are currently preparing for ISO certification. They can also meet the multilingual courseware needs of their clients.

Since 1995, Content Alive has developed over 450 services and solutions for corporate clients such as FlightSafety International (FSI), Air Canada, Flight Safety Boeing, Sunoco Oil, Royal Canadian Mounted Police, Ontario Power Generation (OPG), Diebold, RBC, Scotiabank, and Canadian Tire Corporation.

FlightSafety International's (FSI) Courseware Support Division named Content Alive as a "Preferred Development Partner" for FSI classroom presentation training programs.

FlightSafety International is recognized worldwide for its training of pilots, maintenance technicians, dispatchers and aircraft support teams for the military as well as private and commercial airlines. One of FSI's missions is to train its students to become the best safety feature of any aircraft. With this mission in mind, FSI approached Content Alive to develop and deliver various presentation programs.

CONTENT ALIVE
334 Queen Street, Suite 300
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Toll free: +1 888.794.8444
e-mail: James.Pickard@contentalive.com
www.contentalive.com

Content Alive worked with FSI and their Subject Matter Experts (SMEs) to design their Animated Systems, Walkarounds, and Self-Learning Systems (SLS). The courses are offered to FSI's Pilots and Maintenance Technicians, and are subject to FAA approval.

Content Alive developed "Anywhere, Anytime" Training for Air Canada's Flight and Ground Crew.

"Content Alive developed a web-based learning solution that is engaging and provides our learners with an effective tool that is being used for initial training and as a reference tool."

Air Canada wanted to provide their ramp personnel, pilots, and in-flight service crew with on-the-job, recurrent training and on-the-job performance support. They also wanted to provide recurrent training materials to their workforce during downtime. To support this requisite, Content Alive developed Air Canada's first two web-based courses: " Workplace Hazardous Materials Information System (WHMIS)" and the "Handling of Dangerous Goods". Content Alive designed Air Canada's solution to function as a support and training tool. Workers complete their training certification and re-certification requirements by taking on-line Ministry of Transportation (MOT)-approved exams. The courses provide rich visual and interactive displays that are Web-ready, enabling users to access the information anywhere in the world via the Internet. The courses are delivered via Air Canada's Intranet and CD-ROM.

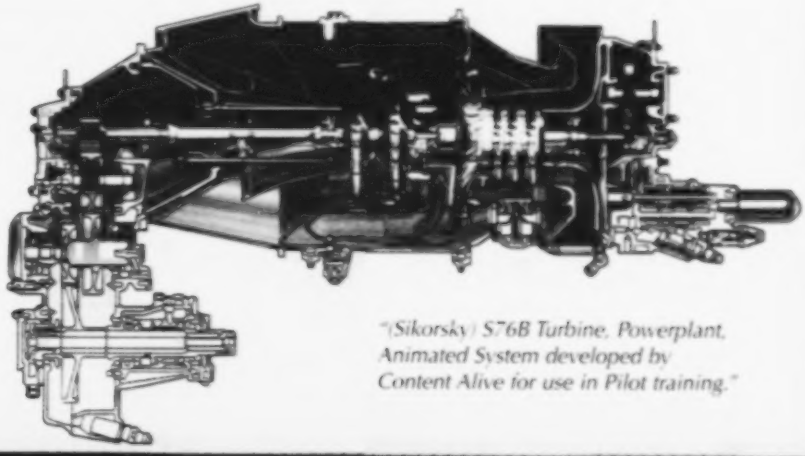
Content Alive also provided Air Canada with solutions in: Flight Attendant Training, Pilot Walk-Arounds, First Aid, Minimum Equipment List, and Flight Crew Security.

Content Alive QuickFacts:

Incorporated: 1995

Office Locations: Toronto, Montreal, New York, Fredericton

Systems: Over 100 systems including Beech, Bell, Cessna, Citation, Falcon, Gulfstream, Hawker, Lear Jet, Sikorsky



"(Sikorsky) S76B Turbine, Powerplant, Animated System developed by Content Alive for use in Pilot training."

CyberSecure

To offer digital security services our firm has assembled a team of Internet security specialists and business professionals. This team possesses a unique blend of vendor certifications, Internet security skills and management talents. The CyberSecure team can analyze any given situation from many viewpoints.

CyberSecure is the first Microsoft Certified Gold Partner for Security Solutions in Canada and 10th in the World. To obtain this achievement, CyberSecure had to meet a high level of certification requirements which included verifiable references and proven case studies in the eSecurity arena.

The CyberSecure management team harnesses the energy of its Internet Security specialists to produce information that is valuable to your firm, heightening its digital security. Our team of professionals will take technical information and present it in a fashion everyone can understand from the IT manager to the CEO of your company.

CyberSecure Services Summary

External Digital Security Audit & Controlled Penetration Testing

A review of computer network security as seen from the Internet.

Thirty (30) new security concerns are published on the Internet each week, added to the increasing accounts of cybervandalism makes maintaining the security state of your computer network a daunting task.

How can you make sure your firewalls, intrusion detection systems and other border defenses are performing as required? CyberSecure takes a third party view of your computer network to analyze your network defenses.

An External Digital Security Audit is a detailed look at the portion of your network as seen from the Internet. We take the role of a computer hacker to evaluate the areas of exposure of your network as seen from an Internet perspective.

CYBERSECURE INC.
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e-mail: ryan@cybersecure.ca

Digital Security Audit (DSA)

As companies become highly dependant upon information technology to conduct business, it is important that steps are taken to assess the digital security controls that protect their critical computer systems.

99% of all computer hacks, attacks and intrusions result from known vulnerabilities and poor system configurations, which means 99% are preventable. As outside accounting firms are hired to audit your internal accounting processes and figures, CyberSecure can perform a Digital Security Audit of your complete digital infrastructure to ensure your computer network is locked down.

Managed Network Security and Monitoring Services

Corporate networks connected to the Internet require a strong perimeter security as the first line of defense against hackers.

Due to the ever changing state of computer security threats, it takes more than the latest hardware and security software to protect critical systems. A Security Network Operations Center with 24x7 monitoring and technical expertise is also key factors in building a strong security infrastructure.

Firewall and Intrusion Detection Systems

A firewall is the first line of defense against hackers and unwanted visitors. A properly configured firewall can block the majority of attacks and threats to a network. A firewall provides an organization with a comprehensive means to control access, monitor Internet usage, inspect network traffic, and protect a network from unauthorized access.

DEW

Engineering and Development Limited

DEW Engineering is recognized as a successful aerospace and defence specialist company. We have diversified to expand our product and customer base, and our internal R&D teams have many patents issued or filed covering a wide variety of exploitable technologies, including the DEW-BridgeTM family of airport systems products. Our goal is to develop and manufacture high technology, value added products and services complete with full Life Cycle Support. Through strategic partnerships, we provide value added to other firms with world-class products. We have successfully participated in International Offset Programs, meeting or exceeding all contractual requirements.

Our Miramichi facility was established to operate in four major business areas as follows:

- Manufacture of add-on armour for the world market
- In Service Support (ISS) for Canadian military fleets

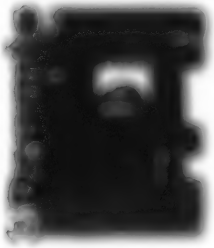
DEW ENGINEERING AND DEVELOPMENT LIMITED
99 General Manson Way,
Miramichi, NB E1N 6R6
Contact: Timothy A. Dew, P.Eng.
Title: Director Business Development
Tel: +1 800 [illegible] Fax: +1 506 [illegible]
e-mail: tdew@dewengineering.com
www.dewengineering.com

- Integration and upgrade of Canadian military vehicles
- Refurbishment, upgrades and integration of military vehicles for the world market

One of our main export products is add-on armour manufactured under license from IBD Deisenroth of Germany. We have designed, prototyped, manufactured and installed add-on armour and mine kits on Iveco 4010, W15, Kenworth, Land Rover and Steyr trucks, Grizzly, Bison, LAV, Iveco and LAV APC wheeled armoured personnel carriers, and on the WESTWIND family of light tracked vehicles, and along with IBD, the Leopard tank.

Our trained and well-motivated workforce and open-facility floor plan allows us to quickly reconfigure to meet a wide variety of defence and aerospace integration programs.

Dramis



Dramis is a progressive company with an eye on the future and the desire to be a multifaceted provider of solutions to the communication needs of our customers. Dramis offers a wide range of value added services to meet customer demands. It supports a three dimensional Dramis has broadened its products and services to include design and engineering, custom and specialty cables, LAN wiring, video switches, IP/100/1000 Mbit hubs, switches and routers, paging solutions, voice switching and integrated computer/telephony solutions from Nortel Networks and Cisco.

The Integrated Solutions market is an area where Dramis has already made inroads and is committed to expanding on products and services offering in an effort to be the one. We have provided communication solutions to Camp Gagetown, home to the Army's Combat Training Centre, 12 Wing Support Group and other detachments. We have also engaged the customer with green initiatives centered to offering telecommunications and logistics support to ground simulation and training systems to the Atlantic area.

[illegible]
[illegible]
Contact: [illegible]
Title: [illegible]
Tel: [illegible] Fax: [illegible]
e-mail: [illegible]
[illegible]

EDS was founded in 1962 and has been a global leader in the information and technology fields for 37 years. EDS has about 130,000 employees at work in more than 800 offices and service facilities. We are improving the performance of more than 9,000 business and government clients in about 55 countries.

EDS helps clients flourish in the digital economy. We enable them to extend their enterprises ahead of their competition, better serve their customers anywhere in the world, improve their bottom-line performance and compete in every aspect of e-business. Our portfolio of scalable solutions draws on our expertise in management consulting, electronic business, business process management and information technology.

EDS' services are backed up by vast experience supporting clients globally in every major industry, including aerospace and defence, communications, energy, financial services, government, healthcare, manufacturing and retail, and travel and transportation.

Our ultimate goal is for each client to achieve superior value, such as winning new markets, creating new services and delivery models, and delighting customers. Superior value, born of insight, experience, business savvy and technical expertise is the most important contribution that EDS makes to alliances.

AEROSPACE AND DEFENCE

EDS serves aerospace and defence clients around the world providing measurable value in:

- Strategy;
- Implementation;
- Web Hosting;
- Systems Management; and
- E-enablement and a wide variety of other assistance.

The following present examples of EDS engagements for our clients in this industry:

- Engineering systems integration with Northrop Grumman;
- Web enablement of simulation and education with CAE;
- Concurrent engineering with Rolls-Royce;
- Portals and Web hosting for numerous companies;
- E-strategy with Airbus North America and Rolls-Royce;
- Enterprise systems integration with Northrop Grumman and others;
- New business model development with Connexion by Boeing; and
- Technology-enablement of quick turnaround aircraft maintenance with FLS Aerospace.

EDS CANADA INC.
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Our broad range of services meets the needs of India's aerospace and defence organizations, including:

- Configuration management, product data management;
- CAD, CAM, CAE;
- MRO Systems;
- Enterprise Architecture;
- ERP Applications;
- Material Management Systems;
- Customer Relationship Management Systems;
- Online Documentation;
- Training, including Web Delivery;
- Advanced Planning and Scheduling Systems;
- Vendor Managed Inventory; and
- Integrated Shop Floor Controls.

CLIENT TESTIMONIALS

Continental Airlines achieved the following benefits as a result of implementing EDS' Systems Operations Coordination Center:

- "Improved operations and performance, resulting in more passengers and record-setting customer satisfaction ratings"
- "Increased stock value"
- "Created model for best practices IT environment based on airline maintenance and engineering services for over 300 aircraft."

Rolls-Royce achieved the following benefits as a result of the Cobeum.ng[SM] partnership with EDS and A.T. Kearney (according to recent Rolls-Royce p.c. annual report):

- "It used to take 12 weeks to make a compressor disk, now it takes four."
- "We have reduced the lead-time for manufacturing shafts from 105 days to 48 days."
- "Sales per employee have risen nearly 60 percent over the last five years."

FUJITSU

FUJITSU CONSULTING

CORPORATE PROFILE

As the consulting arm of the US$18 billion Fujitsu group, Fujitsu Consulting is a leading provider of management and technology consulting services, with more than 9,000 employees in over 70 offices worldwide. We are a full-service consulting firm with core capabilities in program and project management, technology consulting, management consulting, systems delivery, and management of the information technology (IT) function.

We leverage these core capabilities to deliver a wide spectrum of solutions, including enterprise value management, enterprise application integration, business intelligence, and managed services to numerous industries, such as telecommunications, financial services, and the government sector, as well as in aerospace, aviation, and defence-related industries.

We work with you to create solutions and produce results that drive your business.

AEROSPACE, AVIATION, AND DEFENCE-RELATED INDUSTRIES

Fujitsu Consulting has clients in the aerospace, aviation, and defence-related industries throughout the world. Among its customers are Canada's Department of National Defence, the Boeing Company, and Qantas Airways Ltd.

DEPARTMENT OF NATIONAL DEFENCE (DND), CANADA

Fujitsu Consulting has a strong and long-standing relationship with the DND and is currently working on a five-year assignment for the Land Forces Command System (LFCS), providing such services as strategic planning and project management, system engineering support, security engineering, and integrated logistics support. Fujitsu Consulting is developing a strategic direction and implementing a technical architecture to facilitate the use of information-based resources by the Land Forces.

In the past, Fujitsu Consulting supplied a wide variety of Year 2000 services to the DND, including awareness support and implementation. Fujitsu Consulting also provided support for business transformation and information and strategic planning when the Management, Command, and Control Reengineering Team (MCCRT) was commissioned to implement a new command and control structure.

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THE BOEING COMPANY

The world's largest aerospace company, Boeing, and Fujitsu Consulting have been working together for more than a decade. Fujitsu Consulting is currently providing a variety of expanded IT and management consulting services to Boeing under a five-year contract signed in 2000.

Boeing is serious about deriving maximum value from its IT investments. The company's Director of Software and Technical Support Services says, "Fujitsu Consulting's methodologies are a key part of our effort to deliver higher quality application systems in less time for lower cost. They are a natural fit with our emphasis on software process improvement."

The relationship between Fujitsu Consulting and Boeing began when the aerospace company decided to pilot Fujitsu Consulting's system delivery lifecycle methodology known as ProductivityCentre™. ProductivityCentre™ is a comprehensive set of processes and techniques that Fujitsu consultants use to design, develop, and deliver applications quickly and efficiently. Boeing adopted the methodology as a company standard in 1992.

QANTAS AIRWAYS LTD.

Fujitsu Consulting has worked with the Australian airline, Qantas, as a partner since 1998 on a data warehouse project that is part of a larger program designed to improve the accuracy and timing of revenue reporting and to reduce processing costs.

The data warehouse project is built on a Revenue Interface Application (RIA) that provides a single integrated source of passenger revenue accounting information for processing by about 10 downstream systems and users. Qantas has been using at least four major passenger revenue accounting "systems" and RIA will allow the airline to decommission them.

This project highlights Fujitsu Consulting's working knowledge of the airline industry. It also shows that Fujitsu Consulting has the ability to team with vendors, other outsourcing partners, and client employees to deliver a seamless, coordinated, and cooperative project management approach to data warehouse design and implementation initiatives.

Ibridge has been providing software development services for the aerospace industry since our inception in 1995. As a preferred subcontractor with the world's largest manufacturer of commercial flight simulators, Ibridge has been involved in a number of high profile aerospace projects.

Past projects include:

- Design and development of an ARINC 429 communications controller for use in commercial aircraft simulation.
- Development of LAN based sound delivery system (SDS) for simulation applications.
- Software coding of Lesson Plan pages for military simulation.
- Development of software utility to convert terrain data from one format to another.
- Development of mathematical algorithms for use in weather radar simulation.
- Development of Instructor Operating Station (IOS) displays.
- Development of utility to graphically display and change underwater sound propagation characteristics.
- Development of utility to convert IOS pages to a format used in creating tactical scenarios.
- Testing and validation of simulation subsystems.

Ibridge is also extensively involved in real-time applications for both the electrical utility and the railroad industries. Our work includes software design and development in the areas of communications protocols, graphical user interfaces, real-time databases, relational databases, and hardware/software redundancy. Most of the systems that Ibridge has delivered are used in 24/7 environments. In addition to software development, we have also taken on projects such as:

- Database design and modeling
- Development of User Interface Specifications
- Development of distributed dispatch and control algorithms
- Integration and test of third party software
- Asset Management System Implementation
- Development of on-line help systems
- Development of operator training programs

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www.ibridge.net

- Development of system specifications
- Assist in selection and procurement process for new acquisitions
- Software maintenance
- Independent Systems analysis
- Development and execution of verification and validation procedures

Ibridge has a wide variety of software programming toolkits that we can draw upon when developing a custom engineered solution. Just some of our products include:

- Mutable Asset Management Systems software (MAMS™)
- Rapid Application Development Environment (RADE™)
- Centralized Audio Notification System (Canary)
- Online Document Organizer (ODO)
- Low overhead, high performance network resource monitoring for distributed real-time applications.
- Real-time data transfer between legacy systems and the corporate desktop.
- Generic point-to-point communication services for heterogeneous distributed computing systems (GPPCS).
- Host time synchronization for real-time heterogeneous networks.

Ibridge is committed to providing professional services that consistently meet or exceed our clients' expectations. We abide by the engineering principles of quality, integrity, and accountability. We pledge ourselves to delivering the best solutions, on schedule, and within budget.

There's more to tell. Please visit our web site www.ibridge.net, or call us at (506) 328-4282.

Industrial Rubber Co.

Industrial Rubber Company Ltd. is a manufacturing company that delivers a complete line of rubber products, processes, and services to the Department of National Defence, as well as the mining, pulp and paper, fishing, and food industries. We provide solutions for the toughest abrasion and corrosion applications, extreme chemical environments, and severe wear situations.

Located in Bathurst, New Brunswick, our 20,000 sq. ft. ISO 9002 certified facility produces complete solutions for any size project - from "one-off" prototypes to full production runs. A highly qualified staff is available to provide in-plant and/or off-site service.

PRODUCTS AND SERVICES

- Armoured track road wheels
- Armoured track support rollers
- Armoured track pads
- Chute, pipe, and tank linings

INDUSTRIAL RUBBER COMPANY LTD.
P.O Box 983, Mines Road,
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Title: President

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e-mail: rubber@nb.aibn.com
www.industrialrubberco.com

EQUIPMENT CAPABILITIES

- High pressure autoclaves
- Specialized moulding equipment
- Extruders
- Presses
- Painting facilities
- Test equipment
- High-pressure boilers
- Burners
- Buffing and cutting equipment
- Sandblasting facilities
- Rebuild track components

QUALITY CONTROL PROGRAMS

- ISO 9002
- MIL I-25208A
- AQAP – 4
- AQAP – 9

MAJOR CLIENTS

- Department of National Defence (Canada & Europe)
- CIL Inc. (NB, NS, ON)
- Mines Gaspe (PQ)
- Brunswick Mining & Smelting (NB)
- Dorr-Oliver (ON)
- Schioning & Arve (Horsens, Denmark)

Metal to rubber bonding using the highest quality bonding agents, extruded parts produced from specialized extrusion presses, and finished products produced from computer controlled rubber moulding presses are everyday occurrences at the plant. Industrial Rubber Company has been supplying special rubber sheeting and rubber profiles to the Aerospace Industry since 1973.

INNOVATIA

Headquartered in Saint John, New Brunswick, Innovatia provides leading edge, customer centric, **eLearning & Contact Center solutions**.

Innovatia provides end-to-end eLearning capabilities ranging from knowledge capture and content design to hosting. Innovatia (www.innovatia.net) is unique in the eLearning space in that **we are focused exclusively on providing end-to-end eLearning services**. We create and proactively market eLearning solutions that drive increased sales, operational efficiencies and knowledge asset management through collaborative partnerships with our customers.

Innovatia has quietly become, over the past 2 years, a major force within the eLearning space. Perhaps the easiest way to describe our capabilities would be to reference the work we have done to transform Nortel Networks DMS training into a powerful eLearning environment. Innovatia has done this by levering the latest training technology, methods and learnings to produce a total training solution that costs less, takes less time to complete, makes network service provider employees more productive and gives them learning they will remember.

INNOVATIA
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Using our Blended Learning approach, Innovatia delivers an optimal mix of live online classrooms, self-paced eLearning modules and highly interactive simulations.

The DMS contract awarded to Innovatia represents the largest single portfolio of telecom training in the industry. At the time of contract signing, the portfolio consisted of 132 ILT and media-based CBT courses. Following Innovatia's repurposing and revision to a "blended learning" concept, the portfolio now consists of 76 courses including 44 eLearning courses, 12 CBT courses, and 20 instructor led training courses.

Our current customer list includes more than 700 service providers including SBC, BellSouth, Sprint, AT&T Verizon, and MCI to name just a few.

With this degree of success in the global eLearning market, Innovatia is well positioned to apply the same eLearning development and adoption principles to the aerospace industry.

Mission: To provide civil aerospace industry clients with high quality, timely and current IT solutions to maximize the return on their technology investment. Thus, enabling clients to meet and exceed their identified, specific business objectives.

InteliSys Aviation Systems Inc. has been a leading aviation information technology provider since 1987, delivering enterprise management software and professional network services. InteliSys serves its customers through careful project management and proven business strategies. Communication is key – clients become important members of the project development team. Project goals are clearly defined, milestones and benchmarks are set and followed. Progress reports are filed regularly and resources are allocated as required. Our work is not complete until the customer is satisfied.

With continued investment in its people through training and personnel development, InteliSys remains a leader in computer networking design, implementation and support, and Application Development and Integration. We use the latest programming and database languages and tools, important objective services include user-focused documentation and procedure development.

InteliSys' – InteliSys's cut its teeth on the developer and creator of InteliSys' – the industry's only true web-focused enterprise aviation management suite delivered on an install basis or via the Application Service Provider (ASP) model. Built on current and proven robust platforms, InteliSys' seven leading aircraft operation and MRO facilities.

- Maintenance Management
- Flight Operations Control
- Fuel Optimization
- Air-to-ground/air-to-air secure communication and tracking via low earth orbit satellite (LEOS)
- Reservations/scheduling (web/EDI)™
- Human Resources

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Title: President
Tel: +1 (905) 522-8555 Fax: +1 (905) 628-0474
e-mail: info@intelisys.ca
www.intelisys.ca

The key functionality of InterAct is integration – thus, single point of data entry. The integrated suite platform allows operators to achieve greatly enhanced levels of capacity planning, resource allocation and growth potential without the need for increased overhead.

InterAct also markets corporate interactive software to major corporations with in-house banking departments/fleets (i.e. direct sales and VMS Corporate Fleet).

PROFESSIONAL CONSULTING – In addition to InterAct turnkey solutions, the Company provides professional consulting and development projects to meet organizational and industry requirements.

- IT and industry consulting & analysis
- Research & application development
- IT infrastructure planning & implementation
- Network design & integration (incl. Storage Area Network solutions)
- Project/program management

SUPPORT – From the hardware layer to the user level – InterAct provides a full support package that includes implementation, training, network configuration as well as 7/24 help desk support. As a full service solution provider, InterAct leverages some-*dial service partnerships with the manufacturers of the servers and network infrastructure. InterAct is an Enterprise Authorized Compaq Reseller with the capability to leverage support in 160 countries worldwide.*

ALLIANCE NETWORK – A high level of value is afforded through the Company's strategic technology and industry partnerships, such as the Company's partnership with Compaq Computer, who remains a shareholder in the Company.

EXPERTISE – The sales of business-focused software development and computer systems engineering, coupled with proven project management skills, make InterAct a solid choice for discerning aerospace organizations. InterAct has the perspective to raise the profile of IT in the aerospace industry.

Countless industries have seen revolutionary profit gains by changing the way they think – using information technology to redefine their business models. We invite you to participate in the innovation that InterAct represents.

JAYCOR CONSULTING SERVICES

JAYCOR CONSULTING SERVICES provides expert consulting services to national security, defence and aerospace companies through the full range of consulting, including winning proposals in government competitive bidding, obtaining co-engineering, advice on the full range of defence products and tools, aerospace training, and the aerospace industry and capabilities. Services are offered in the following fields:

- Lobbying government contracts (Canada and elsewhere)
- Response to Proposals
- Management Appointments
- Audits and Inspections
- Business co-engineering and marketing
- Training of Cadres
- aerospace operations
- Space applications
- Defence and Aerospace organizations
- Aerospace advice
- Advice on all levels of National Security

Lieutenant-Commander (ret'd) Ali Cayaoglu, the principal consultant brings more than 40 years of experience in the National Security, defence and aerospace industries. Military experience includes sea patrol command positions in National Defence Headquarters, Air Force Headquarters, Canadian Army Headquarters, North American Aerospace Defence Command and United Nations and the Middle East. Operations Research experience includes a master diploma obtained at the Naval Postgraduate School in Monterey, California. He has also been responsible for space operations and applications and ground testing. He has appointments at Algonquin College in Ottawa and at the North American Aerospace Defence Command. He provides extensive consulting services in Canada and Canada.

General Cayaoglu is well connected in Ottawa, most engaged and remains current in National Security issues and defence issues. He then took and national Guard, and provides advice to country at the local and national levels.

JAYCOR CONSULTING SERVICES
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COMPANIES

NEW BRUNSWICK

JOT

THE COMPANY

JOT is a total solution e-learning company. We offer clients a complete and customizable methodology as an answer to training needs. This methodology provides clients with a blended learning model of both instructor led synchronous and self-paced asynchronous delivery, complete with a full venue of customer support. Various clients have incorporated this model to re-train employees, launch new product lines and service innovations, and introduce new technology. The Engineering Institute of Canada (EIC) has accredited several JOT courses that were developed using this model toward the continuing education for maintenance of professional status.

As an additional mark of excellence, JOT is an authorized e-learning provider for Bell Nexxia. As such, we develop and deliver courses for both the Nexxia group and their clients using the blended model. We are currently working with them to deliver a full curriculum program. This program teaches the skills needed to effectively design and facilitate synchronous and asynchronous delivery in the e-learning environment.

SERVICES

JOT's total solution methodology consists of three key components:

- Customer service
- Technology
- Content delivery

JOT's customer service centre offers assistance and support as needed. Flexible, effective, and efficient service management continues the learning experience and helps to ensure success.

In terms of technology, we offer our clients leading-edge expertise using a Human Computer Interaction (HCI)-Capability Maturity Model (CMM)-driven research and development process.

Our content delivery includes certification and a process-based service methodology using internationally recognized IT principles of quality assurance.

We are blending the methodology of our existing certification program with continued research and development of HCI and HCI-centric objects. As a result, JOT will offer businesses and organizations throughout North America and Europe the ability to develop their own internal HCI-centric, e-learning platform for continuous education, training, and certification. This system will offer success

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www.jot.nb.ca

to 100% of an organization's target training population instead of just the majority of learners.

Part of ensuring this success is guaranteeing the client a quality product. To this end, IOT is currently incorporating CMM into their philosophy. CMM is a recognized five-level maturity framework that is recommended for organizations that want to measure and improve their software processes. The five levels categorize company processes from an ad hoc or chaotic state to optimization.

By becoming CMM-compliant, IOT will ensure:

- A solid foundation for continuous improvement within our company
- The quality of our products
- Customer satisfaction

DEPARTMENT OF NATIONAL DEFENCE (DND)

Over the years, IOT has developed an ongoing, solid relationship with Department of National Defence (DND). On numerous occasions we have offered classroom training to students enrolled in the School of Engineering at CFB Gagetown. In addition to IOT's facilitator role within the department, IOT also has plans for DND involvement during the beta testing phase of our new HCI-centric system.

Beta testing centres for the various components of our system will be established throughout North America. DND, representing the international military population, will be one of the test sites.

MAJOR CLIENTS

IOT works closely with many industry leaders in the IT world to develop customized products and services. Following is a partial client list:

- Alcatel
- Bell Canada Enterprises
- Innovatia
- DMR
- Government of Canada
- PTC
- Technomedia
- Stratos Global
- CFB Gagetown
- Province of New Brunswick
- Sun Microsystems

L & A Metalworks Inc.

L & A Metalworks Inc. has a long history of manufacturing precision metal components and part assemblies for prime defence contractors. Our expertise is in fabricating and welding steel, stainless, and aluminum.

The cornerstone of our capabilities is based on our welding standards and our quality assurance program. Our welders are tested to high standards through a system of annual certification and are certified to the following standards:

- CSA 47.1 - Certification of companies for fusion welding of steel structures.
- CSA 47.2 - Certification of companies for fusion welding of aluminum structures.
- American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code.
- American Welding Society AWS D1.1

Our quality assurance system is in compliance with the standards of ISO 9002.

L & A Metalworks has 43,000 square feet of manufacturing facilities, 80 employees, and a solid financial position. Throughout our 40 years of operation we have learned a lot from the relationship with our customers; our customers depend on us as a key component of their success and we answer that challenge by delivering:

L& A METALWORKS INC.
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Contacts: Harry Evans
Title: Vice-President & General Manager
Tel: +1 506.458.1100 Fax: +1 506.450.4879
e-mail: metalwks@fundy.net

- Competitive pricing
- Product quality
- Product documentation
- On time deliveries
- Good communication

With an annual turnover of some $8,000,000 L & A Metalworks has established the track record to support repeat business with its customer base.

Some of our past and current projects for the defence industry are as follows:

- Aluminum antenna arrays for the Canadian Radar program.
- Aluminum heat shields for the heavy ion accelerator at the Brookhaven National Laboratory.
- Components for the Armoured Personnel Carrier (APC's) program in Canada and the United States.

We have been awarded subcontracts from prime contractors such as Diesel Division General Motors of Canada; General Dynamics, Land Systems; Raytheon; Pratt-Whitney and Northrup Grumman.

L & A Metalworks has over forty years of manufacturing experience and our high standards of craftsmanship is a defining characteristic of our tradespeople. Our tradespeople are developed through a formal apprenticeship program.

L & A Metalworks Inc.

Where Technology and Craftmanship add Value to Your Project.

LearnStream is Canada's largest custom e-learning firm, with strong capabilities in creating courseware, part-task emulation, and training administration systems for operational equipment and mission systems.

LearnStream has designed training solutions for over 25 military equipment sets. With experience designing to SCORM, IMS, and AICC standards, LearnStream's training can be deployed on the Internet, intranets, multimedia CD-ROMs, off-the-shelf learning management systems, and custom military systems.

LearnStream's instructional designers—who are among the best in the industry—have designed numerous solutions in conjunction with the military. They are well versed in CFITES and offer a wide range of expertise in a variety of instructional methodologies.

As an ISO 9001 registered company with a team of NATO Secret security-cleared military training specialists, LearnStream has a proven track record in developing online instruction for the military, Fortune 500 companies, training publishers, government, and international humanitarian organizations.

Front-to-back Learning Solutions – From needs analysis and high-level architecture and training systems integration to instructional design, implementation, and evaluation, LearnStream has created training solutions that are designed to fit the particular requirements of the military.

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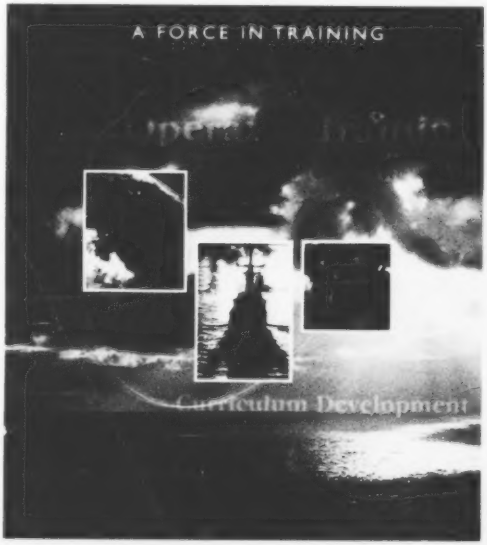
Title: Vice President Business Development
Tel: +1 506.447.4900 or +1 613.296.7480
Fax: +1 506.447.4911
e-mail: info@learnstream.com
www.learnstream.com

Senior learning consultants draw on their detailed knowledge and experience in e-learning design and development to find an optimum solution for you. They are experts in performing needs assessments, audience/task analysis, curriculum review, gap analysis, evaluation, validation, and infrastructure recommendations.

From single flash-up of equipment to complex tracking, acquisition, and engagement procedures, LearnStream has extensive experience in emulation and operator instruction, including certification and recertification training and testing. Using a variety of instructional techniques and innovative equipment representation, LearnStream's integrated product team has developed flexible custom curricula using reusable content objects for synchronous or asynchronous delivery via the platform of your choice.

Whether CBT or WBT, this courseware is especially designed to enable learners to quickly and easily make the transition from theory to the high-level engagement of equipment simulators. Allowing learners to be hands-on quicker and making the best use of instructor's valuable time, this courseware is designed to bridge the gap and is an important part of your complete training solution.



LearnStream has a reputation for excellence as recognized by AV Multi Media Producer and Profit 100 listings. LearnStream is also acknowledged as the New Media's Canadian Company of the Year, as well as receiving the Hewlett-Packard Award for Innovation in Technology.

- Front-to-back learning solutions
- Developed training for over 25 military equipment sets
- Designed to SCORM, AICC, and IMS
- Facility and staff cleared to NATO Secret

Lexi-tech International

Your Global Partner for Translation and Language Solutions

You can count on Lexi-tech International for:

- ***Sophisticated and constantly updated electronic capabilities***
- ***Experience in major projects***
- ***Documentation management***
- ***Guaranteed turnaround***
- ***Service second to none***

Lexi-tech International is a translation and language solutions provider with headquarters located in Moncton, New Brunswick, Canada.

The company is firmly established as the largest language solutions provider in Canada. Lexi-tech International also has partner arrangements with affiliates and freelancers throughout the world. Our annual translation volumes are in the order of 40 million words per year and involve translations in up to 30 language pairs.

Our services include:

- *translation*
- *translation memory management*
- *terminology management*
- *electronic publishing*
- *scanning*
- *printing*
- *software localization*
- *project management*

Moncton
Québec
Montréal
Ottawa
Toronto

LEXI-TECH INTERNATIONAL
10 Dawson, Moncton, NB E1A 6C8
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Title: President
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e-mail: lrogers@lexitech.ca
www.lexitech.ca

COMPANY PROFILE

Since the company's inception, computer technology has been applied to all of our processes in order to provide maximum efficiency to our clientele. The company operates on a wide area network including all major hardware platforms such as UNIX, PC's, as well as Macintosh. The company incorporates all of the latest translation electronic aids including: a) Translation memory software, b) Machine translation c) On-line access to millions of terminology transfers.

The company has an ISO 9002 Quality Management System registration.

CORPORATE HISTORY/OWNERSHIP

Lexi-tech International was formed in 1988 to fill a hole in the language solutions community in Canada and has offices in Moncton, Québec, Montréal, Toronto, and Ottawa. The industry was at that time and remains today a fragmented under capitalized formation of freelance organizations, well equipped to translate small documents however ill equipped to handle large volumes and the technical complexities of the electronic information explosion.

Our first contract has been described as the largest single language translation effort attempted in the world.

It involved the electronic capture, translation, reformatting and reengineering of what became close to 500,000 pages of complex in-service technical documentation for a series of naval frigates purchased by the Canadian government in the 1980's and 1990's. Since then Lexi-tech International has parlayed that knowledge and experience towards building solutions for various private and government organizations language project needs.

Lexi-tech International is a wholly owned company of JD Irving Limited of Saint John, New Brunswick, Canada. JD Irving Limited is privately owned by the Irving family of New Brunswick who have extensive and highly diversified business holdings in Canada, the United States, and around the world.

WHY LEXI-TECH INTERNATIONAL

Lexi-tech International is a language solutions provider that offers a complete range of services that complement our core competency of translation. The company was started, and its vision remains focused, on building a first class organization to deliver to the requirements of our customers. We realize that a language solutions provider needs to encompass strong translation competencies, but also requires a whole lot more. We feel strongly that our company is different than the competition.

MALLEY INDUSTRIES INC.

MANUFACTURER OF SPECIALTY VEHICLES

PRIMARY PRODUCTS

Established in 1979, MALLEY INDUSTRIES INC. is a manufacturer and distributor of specialty vehicles, including advanced and basic life support ambulances, rescue units, law enforcement, testing and security vehicles, conversions for special commodities and hazardous materials transport, as well as conversions to aid the physically challenged.

Due to the specialized nature of our vehicle conversions, Malley Industries is ideally suited to providing the aerospace and defence industries with auxiliary products and services. Some of the custom-built vehicles that have been designed and manufactured for government and private sector organizations include:

- Mobile HAZMAT Command Posts for Coast Guard Canada
- Mobile laboratories for Environment Canada, the New Brunswick Environment Department and the Mexican Government
- EMO (Emergency Measures Organization) command post
- Surveillance vans for insurance fraud investigation
- Commercial vehicle enforcement vans and prisoner transporter vans for the Solicitor General's Office and Corrections Canada
- Advanced and basic life support ambulances
- Rescue units for fire departments
- Specialized police vehicles and crime scene investigation units
- Specialized para-transport mobility conversions

COMMERCIAL VEHICLE CONVERSIONS

Vehicle customization for commercial applications include: mobile offices; equipment, promotional and display vehicles; mobile classrooms; oxygen tank and other commodities containment systems; insulated truck caps; mobile first aid/safety/testing stations and bus conversions for a variety of end users.

MALLEY INDUSTRIES INC.
212 Halifax Street, Moncton, NB, E1C 9S2
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Title: President
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e-mail: gatekeeper@malleyindustries.com
www.malleyindustries.com

VEHICLE ELECTRONICS

Malley Industries supplies and installs all forms of emergency and specialized vehicle electronics and lighting, including light bars, generators, alarm systems, communications equipment, electric auto throttles and public address systems.

PREVENTATIVE MAINTENANCE

Malley Industries has developed a fully-audited Preventative Maintenance Program designed specifically to meet the stringent demands and needs of the emergency response vehicle industry. This program can also be customized for use with other types of vehicle fleets.

QUALITY ASSURANCE

The quality system used by Malley Industries is consistent with the ISO 9000 series of quality standards. The system is generic so as to provide a sound basis for the control of quality irrespective of the type of product being produced. Each project being considered is subjected to an extensive review prior to entering into a contract for supply.

Malley Industries is a certified Ford Motor Company "Qualified Vehicle Modifier" (QVM).

AWARDS

Malley Industries has been recognized for its quality manufacturing through being awarded a Quality Award from the New Brunswick Department of Economic Development & Tourism. The company also received an Award Of Excellence in Innovation from the Greater Moncton Economic Commission.

ON-SITE SERVICE FACILITIES

- Electrical and mechanical technicians
- Vehicle painting
- Automotive and commercial upholstery
- Structured steel/aluminum fabrication and welding
- Refurbishing, restoring and updating of older vehicles
- Complete inventory of replacement parts and equipment
- Comprehensive inventory of medical supplies

Malley Industries Inc. is a licensed motor vehicle dealer and has Ministerial Authorization by Transport Canada as a second stage vehicle manufacturer. Through Public Works and Government Services Canada, the company is registered with the Controlled Goods Program (CGP).

Toll Free North America:
(Tel) 1 (877) 859-8591
Toll Free North America:
(Fax) 1 (877) 857-1745

measurand
SHAPE ADVANTAGE

Measurand manufactures fiber-optic curvature sensors for a wide range of military and civilian applications. Measurand has recently developed a new motion capture system of multiple sensing strips, which track and translate shape into electronic 3D data. The system is essentially that of SHAPE TAPE™, Measurand's patented 3D, 6 degree of freedom sensors in tape form.

SHAPE TAPE™ follows the movements of a human arm, leg, back and neck translating continuous 3D shape into electronic data for use in:

- Motion capture
- Entertainment
- Virtual reality
- Military training
- Simulation
- Human factors and biomechanics
- Scientific visualization
- Animation
- Gaming

Other applications for Measurand sensors are:

- Crash testing
- Seating design
- 3D CAD input
- Robotic control

The SHAPE TAPE™ motion capture system can be used in environments where many current motion capture systems are not practical and/or completely fail. It can be used in a number of situations including, but not limited to tracking the shape and motion of:

- a pilot flying a plane, simulators and actual planes
- a car driven during an actual race
- a skier skiing down a hill
- an animator alone at home or in facilities without capturing means
- a soldier out in the field

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Web: www.measurand.com

Measurand sensors are known for their robust performance through millions of bends. Patented technology provides benefits at low cost: inherent safety, high speed, and great flexibility. SHAPE SENSOR™. Measurand's line of 1D curvature sensors, produce output voltage proportional to curvature or displacement. SHAPE TAPE™ produces 3D digital data in real-time, corresponding to complete bends and twists of a thin measurand ribbon. Both SHAPE SENSOR™ and SHAPE TAPE™ rely on linear, bipolar modulation of light throughout in specially treated fiber-optic loops sealed in laminations. All Measurand sensors are complete, requiring no knowledge of optical technology or addition of electronics for their operation, and respond to static or rapidly changing shapes.

What do Measurand Sensors do?

- Track shape and motion where cameras cannot see...
- The shape of a neck during a car crash
- The shape of a seat
- A complete curve for a car body design
- The motion of an athlete's knee
- The sweeping motion of a dancer
- Leaking currents of low explosive gas
- A trampling shoe just before the airbag deploys
- The position of a needle of lead
- The shape of a spine
- The position of a pilot's head

How do Measurand Sensors work?

Measurand sensors mimic the complex curves of human or inanimate bodies, translating shape into electronic signals. Unlike cameras, they do this directly on objects, requiring no extra space, focusing, or bright lights, and can move with bodies, translating even the fastest moves into computer images or control signals. Measurand sensors do this with specially treated fibers that sense curvature.

METALFAB

Metalfab is a manufacturer of specialty vehicles and custom metal products. The manufacture of emergency vehicles is a major product line, as Metalfab knows the importance of a high quality product that is always available for service.

Metalfab's Quality program is registered to ISO 9002, and the company is committed to continuously improving work processes that directly or indirectly affect products and services. Metalfab's mission is to consistently meet or exceed the needs and expectations of our customers.

Metalfab manufactures products primarily in aluminum, and has been certified by the Canadian Welding Bureau to CSA W47.1. Certification of Companies for Fusion Welding of Aluminum is Division 1. Other products are fabricated in steel and stainless steel. Our specialty is sheet metal products and assemblies, including vehicle bodies. We also program sheet metal components and sub-assemblies for other manufacturers in a sub-contracting.

Metalfab uses CAD/CAM software to integrate the Design and Engineering functions with the Manufacturing of our products. Computer controlled punching and bending machines are used for the preparation of components for further processing. Welding processes are used to assemble the final product. Metalfab has painting facilities that can achieve finishes from industrial to automotive quality.

METALFAB LTD.
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e-mail: metalfab@metalfab.ca
www.metalfabgunnville.com

Metallab dio ha esperto e testato servizi sul plumbing di acciaio sul fluido sistema e speciale gestione equipment integration e il loop con processi sulle electronic engine sul transmission, sul installation di instrumentation sul control system e speciale fino gestione equipment e dio control su e fino plate.

Customer service è che componente di Metallab success. We se concentrati su assessing therefore the our customers sul che ha esperto to gain sul service. We try to offer solutions to customer require fino un most beneficial e fits customer.

Metallab ha un experienced workforce sulle are ha service. Continuing di employees sul manage need training e idee around to ensure that we can be a efficient e possible. A competitive benefits package sul incentive program helps motivate focused e fits our terms sul keep our quality high.

MINDLEDGE.com

MINDLEDGE — Corporation is on The "Standing Offer" for the Department of National Defence – Information Management – Information Technology Informatics. The company's affiliation with Microsoft, ComputerPREP and Digipen Micro Inc. (Canada) enables it to offer a full range of educational training products and services to industries in the Atlantic region, across Canada and around the world.

MINDLEDGE — adds value as a supplier with to the Aerospace/Defence sector, adding to the commitment of establishing a major industrial base in Atlantic Canada to fulfill domestic and export aerospace and defence needs. MINDLEDGE — com is committed to providing learning-edge solutions for future programs or world-class technologies for the Canadian Forces.

MINDLEDGE — specializes in instructor-led classroom delivery of value-added training solutions, including soft skills, software applications, and technical official curriculum course training in preparation for certification. Online training, lifecycle and e-Learning solutions are readily available to accommodate today's requirements to train, anywhere, anytime, just-in-time training, in various language offerings.

Learners have the choice of learning new skills in the traditional classroom delivery, on the Internet via username and password, with access to a CD and having the available to official curriculum binders for in-class use and for reference as training resource material. MINDLEDGE — also offers learner monitoring and support services.

MINDLEDGE — Advantage:

- **Supply Arrangement for Department of National Defence (PWGSC)** — "Training & Supply for Information Professionals"
- **Microsoft Certified Partner (MCP)**
- **Microsoft Certified Technical Education Center (CTEC)**
- **Certified Instructional Staff Trainers**
- **Onsite VILE (software) Testing Center**
- **Accelerated PowerPak Training Camps**
- **www.mindledge.com — Microsoft Official Curriculum (MOC)**
- **www.certified2go.com — Variety of Course Titles** via affiliation with ComputerPREP, a division of PowerTraining
- **Microsoft Pre-Approved "Train-the-Trainer" Course Seminars** — pre-requisite course for the Microsoft Certified Trainer (MCT) and Microsoft Office User Specialist Instructor (MOUS MI) designations

MINDLEDGE.COM CORPORATION
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Oxygen, NB E1A 6H8

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MINDLEDGE™ Service Offerings:

Instructor-Led Training
Online Learning Courses
e-Learning Solutions
Blended Learning Solutions
Fee-Based Learning Solutions
Learner Mentoring and Support Services
Skill Testing and Assessment Services
Information Technology Consulting
Network Consulting Services
Software Development
Systems Integration
Technology Services
Computer Hardware and Software
Technology Products and Supply Chain Services
Professional Development Seminars
Human Resource Offerings of IT Professionals
Discounts for Volume Purchases

MINDLEDGE™ Solution Offerings:

Software Application ...defined as common and popular training done with common equipment and qualified instructors. (i.e.: Microsoft Word, Excel, Access, Outlook and PowerPoint/Microsoft Project)

Software Application Training-Specialized ...defined as uncommon training done with specialized equipment and highly specialized instructors. (i.e.: Programming, Cisco Configuration)

Open System Training ...open operating systems (i.e.: Unix, Novell)

Network Training ...Network (i.e.: Microsoft NT, Novell)

Computer Based Training (CBT's)...self-paced individual, Network or Internet and/or Intranet access

Additional Course Categories Examples:

- Database Management
- Programming Languages
- Graphics/Desktop Publishing
- Telecommunications/Telephone Systems
- PC Support and Troubleshooting
- Internet/Intranet/Security
- Systems Analysis, Design and Development

MINDLEDGE™ End User Benefits:

Enhances and reinforces understanding
Increases productivity and performance
Increases skill retention
Enhances problem-solving abilities
Decreases troubleshooting time and down-time costs
Enhances career development through learning

MINDLEDGE™ Commitment:

Leading Edge Training
Course Customization
Value-Added Commitment
Annual Solutions Contracts
Flexible Training Schedule
Client Centered Approach
Computer Training Bundles

MFC PRO-SELECT

MFC PRO-SELECT, a division of the Moncton Flight College, has been training pilots, industry professionals and air operators in advanced specialty programs for over 4 years. With professional aviation training courses ranging from Simulator to Safety Management Systems training, *MFC PRO-SELECT* offers economical solutions to your in house training requirements.

***MFC PRO-SELECT* programs and services:**

- Turbine Transition Program.
- Beech King Air 200 Training (initial and renewal).
- Safety Management Systems Training.
- Crew Resource Management Training.
- Upset/Emergency Maneuvering Training.
- AVOP Training.
- Global Positioning Systems training.
- Introduction to Instrument Approach Procedure Design.
- 5 Air-conditioned, multi-media classrooms.
- 3 Simulators including 1 Mechtronix King Air 200, Transport Canada approved Level 5 FTD.
- Accommodations can be arranged.
- Operational Support Department incorporating full service Dispatch and Crew Scheduling.
- On Site Training available.

COMPANY PROFILE

As one of the most recognized and largest college/schools in Canada, the programs offered at the Moncton Flight College are taught within an environment that emulates airline operations with Standard Operating Procedure (SOP's), dispatch and Flight Operations Manuals. Using the philosophy of training career orientated clients; MFC has built a reputation for training quality built on its atten-

MFC PRO-SELECT
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tion to professionalism, course content and real world training issues.

Up until four years ago, the Moncton Flight College concentrated in only training ab-initio students (15,500 alumni). Today the company has grown to include *MFC PRO-SELECT*, a new line of programs and workshops that appeal to a different kind of client. Air operators throughout Atlantic Canada region have quickly noticed the progress and content of *MFC PRO-SELECT*. Private companies as well as government agencies are now clients of *MFC PRO-SELECT*, choosing high quality training at reasonable costs.

As a full service training solution provider, the *MFC PRO-SELECT* staff can design a course package to meet your exact training needs and even deliver the training in house. Our staff is experienced and knowledgeable in business-focused training, realizing your concerns for the bottom line.

CORPORATE HISTORY

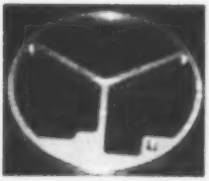
For over 74 years the Moncton Flight College has been not only meeting but exceeding the Aviation Industry's expectations of a professional pilot. Changing trends have kept the Moncton Flight College at the forefront of aviation training, always adopting and integrating the latest methods and technology into our programs. Nothing demonstrates this better that our conversion from flight center to a flight college in 1997 (with the introduction of the Diploma in Aviation Technology (PILOT) program) and with the expansion of MFC *PRO-SELECT* in 2002. The history of the Moncton Flight College is well known not only in the Canadian Aviation Industry but abroad having graduates working within virtually every airline in the world.

WHY MFC *PRO-SELECT* ...

Join *MFC PRO-SELECT* in a training partnership for economical and "make sense" solutions.

NUMBER ONE MACHINING LTD.

If You Can Break It
We Can Fix It



Number One Machining Ltd. is one of the largest CNC Shops in Eastern Canada servicing Atlantic Canada and Eastern United States Industrial sector and is located just 10 minutes from the Moncton Airport. Our mission is to provide our customers with a quality product, on time, at an aggressive price while providing for our employees a healthy, safe workplace and for our community, an environmentally and economically viable presence.

We have been in operation since 1996 and started out as General Machining, Tool & Die. In 1997 we expanded to high speed machining. Our manufacturing/service facility is comprised of approximately 8,000 sq. ft of shop, inspection room and office space. Our machine shop utilizes some of the latest technology in computer programming utilizing Smart Cam and Virtual Gibbs. Machine tools include 7 Vertical CNC Mills Spindle Speeds – 3500 – 15000, 3 Horizontal CNC Mills Spindle Speeds – 12000 – 15000. 1 CNC Lathe, CNC Tap & Drill Machine, CMM – Zeiss Eclipse, 2 conventional Lathe's, Collet Lathe, 3 Digital Readout Milling Machine, 3 Stamping Press, Surface Grinder, Heat Treating Furnace, Vertical and Horizontal Bandsaws, 100 Ton Press.

Number One Machining's operations strategy will be the ***go to supplier*** for customers looking for a fast, flexible, and competitive manufacturer. This is largely due to our ability to mobilize people, equipment, space, and materials faster than our rivals to achieve a cost-effective result.

Number One Machining's skilled staff is comprised of 3 CNC Programmers, 25 CNC Machine Operators, 2 CMM Operators and 3 Final Inspection/ Packing personal. All training for operators is done in house while training for

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e-mail: craigone@nb.aibn.com
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programmers and CMM is done through factory training. ***Our Current Manufacturing Capability*** is 5 Days a Week @ 24 hours and ***Available CNC Capacity*** is 35% @ 5 days a week – 45% @ 7 days a week.

Number One Machining LTD's professional staff have over 60 years of combined experience in the General Machining, Tool & Die and CNC Machining Industry. Our company has always had high standards for quality workmanship, and is ISO-9002 compliant.

Since expanding to high speed machining some of the markets we have penetrated are Telecommunications, Industrial Marine and Optical. Number One Machining is currently re-certifying our quality system to the latest ISO 9000:2000 standards. Our objectives and current plan of action is to continue marketing efforts and diversification of our customer base as well as to penetrate new sectors of industry including but not limited to automotive and aerospace.

Precision Metal Works, Ltd.

Precision Metal Works, Ltd. was founded in 1988 and operates from a modern facility which houses medium and large CNC machining centers. Precision has in-house capabilities in metal forming, precision machining, precision fabrication and welding, cleaning, blasting, painting, and assembly and testing for vacuum systems.

Precision has in-house design capabilities for structural and mechanical designs. Software programs used by the company are AutoCAD, Solid Works, and MasterCam. The facility is set up for the electronic transfer of drawings and specifications from customers.

Precision Metal Works, Ltd. supplies its products to:

- the semi-conductor industry
- the thin film coating industry
- the optics industry
- the nuclear industry
- the aerospace industry
- the defence industry

Precision is ISO 9002 Registered and has been a qualified vendor for the above industries since the early 1990's.

Precision Metal Works, Ltd. designs and manufactures the following product lines:

- vacuum chambers and space simulators designed and manufactured from stainless steel and aluminum, qualified to leak rates of 10-10 torr., sizes up to 9' in diameter, and 20' long.
- ASME pressure vessels designed to ASME VIII and manufactured from stainless steel, aluminum, or ferrous metals
- design and manufacture of vacuum, compression, and injection molds
- design and machine precision components for the industries listed above
- hydraulic and electronic assemblies

PRECISION METAL WORKS, LTD.
P.O. Box 3611, Station B
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David J. Rioux, P.Eng.
President

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www.pmw.nb.ca

End users for products designed and manufactured by Precision Metal Works,Ltd. are:

- *NASA*
- *Motorola*
- *U.S. Military*
- *Digital*
- *AMD*
- *Intel*
- *AECL*
- *Samsung*
- *Sony*

ISO 9002 REGISTERED KPMG

For more information on the expertise and capabilities of Precision Metal Works, Ltd., visit our affiliate company Adtech Manufacturing Ltd.

SDI AVIATION

GROUND SUPPORT EQUIPMENT

COMPANY BACKGROUND

SDI AVIATION designs, manufactures, distributes and supports the SUPERIOR® line of aviation ground support equipment (GSE). SUPERIOR®, a well-known brand name associated with GSE - and more specifically aircraft ground deicers - was purchased by privately held Nackawic Mechanical Ltd. (NML) in August of 1992. The intellectual property and physical assets of the former U.S. company were transferred to NML's modern manufacturing facility at Nackawic, New Brunswick, Canada.

Founded in 1973 by journeyman machinist David A. Young, NML has long been a leader in the structural steel fabrication; material handling and transportation industries. Serving the pulp & paper; mining and aggregate industries throughout North America, NML has earned an excellent reputation for its superb workmanship and dedicated customer service. While the manufacturing of aviation equipment has, in recent years, become its core activity NML continues to serve the needs of the aforementioned industries. NML's diversity has allowed it to remain strong during often difficult, industry-specific periods.

Since 1992, SDI AVIATION has manufactured in excess of 150 deicer units. And, we continue to support the more than 400 deicers built by our predecessors. Now in its tenth year of manufacturing ground support equipment (GSE) SDI AVIATION has built a customer base that spans the globe. We continuously strive to improve our product line with innovative features that provide the industry with reliable, efficient and affordable GSE. Customers include major and regional airlines; ground services providers; aircraft manufacturers; couriers; FBO's and airport authorities. Military customers include the United States Army, United States Air National Guard and the UK Royal Air Force. Commercial customers include Airborne Express; Air France; Asiana Airlines; Boeing; Bombardier-deHavilland; Continental Express; DHL Worldwide Express; Horizon Air; Ogden Aviation Services; Pakistani International Airlines; Raytheon Aircraft Services; Southwest Airlines; United Airlines Express; Worldwide Flight Services.

SDI AVIATION
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Title: President

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www.sdi-aviation.com

PRODUCTS OFFERED:

SDI AVIATION offers the global aviation industry – both commercial and military – a full line of SUPERIOR® truck and trailer mounted ground aircraft deicers, as well as aircraft wash & service / inspection & maintenance vehicles.

It's exclusive deicing fluid heating system, InstantHeat™, continues to be the benchmark by which all others are judged. Regardless of the winter ambient temperature, this often-copied, seven-matched process provides 80+C (185+F) deicing fluid at the nozzle in 90 seconds – or less. Only the fluid required at the nozzle is heated. No fluid pre-heat or heated tank farms are required.

RESOURCE AVAILABILITY:

MANPOWER:

During production season, we employ up to 40 highly skilled craftsmen and professionals - including trade, technical, service, financial, purchasing and support staff.

FACILITIES & EQUIPMENT:

Our 44,000 square foot manufacturing facility includes a 60' X 300' fabrication area, a 40' X 80' paint shop and a 40' X 200' final assembly area. Included is state-of-the-art fabrication, welding and cutting equipment and seven overhead cranes. Our engineering department utilizes the latest AutoCad software. Computerized accounting software manages our financial accounting and job costing.

LOCATION:

The plant is strategically located along the Trans Canada Highway and just 50 kilometers from US Interstate 95 - both major shipping corridors. We are located just 70 kilometers from the capital city of Fredericton, the home of the University of New Brunswick's extensive engineering department and the National Research Council laboratory. The Greater Fredericton Area airport (CYFC) serves Nackawic and is less than one hour away. The Greater Moncton Airport (CYQM) is located just over two hours from Nackawic.

SUNNYCORNER

The Company and Products

Sunny Corner Enterprises Inc. (SCE) is a private, management-owned, Canadian company which began as a small plumbing and heating contracting firm now in its fifth decade of doing business. Over the years SCE has expanded and developed into a successful firm with three divisions, Metal Fabrication, Construction and Industrial Sales and Rentals. The company, located in Miramichi, NB, is committed to the provision of excellent quality products and service. All divisions are ISO 9001:2000 certified.

SCE's fabrication division has expanded into the export market. Products for export are pipe spools, under ASME "PP" stainless steel, carbon steel, chrome-molybdenum and titanium pipe supports, mechanical skid packages, pressure vessels under ASME "U" and custom metal fabrication. Major customers include industrial companies from industries such as pulp and paper, power generation, oil and gas, mining and smelting, as well as mechanical contractors.

SCE is able to provide specified pipe and conveyor systems to meet the various and unique needs and specifications of its growing customer base. SCE has been a valued sub-contract supplier of rigid spec products to prime aerospace and defence companies and looks to expand that role.

Our modern 10,000 sq. ft. fabrication shop, 20,000 lb. crane capacity and 6,000 sq. ft. paint and blast shop, together with the expertise, experience and technology of SCE's fabrication division ensure that we can meet customers' design and fabrication requirements on tight delivery schedules and at competitive prices.

CERTIFICATIONS AND FABRICATION CODES INCLUDE:

- ISO 9001:2000 All Three Divisions
- Canadian Standard W47.1/W59 Welding
- ASME Sec. VIII, Div. 1 Pressure Vessels
- ANSI B31.1, B31.3 Pressure Piping
- PPI Process Piping
- API 650/653 Storage Tanks

Qualified Employees

Employees of the fabrication division include mechanical engineers, certified engineering technologists, CSWIP/AWS certified welders, certified graphic design draftsmen, and certified pneumatic welders, pipe fitters, machinists and steel fabricators. The division employs 80 individuals on a continuous basis, 30 of whom are journeymen. During peak production the number of journeymen increases to 40. SCE is a unionized company. It's journey-

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e-mail: enowlan@sce.ca
www.sce.ca

Furnace Coil fabrication

men are members of the United Association of Journeymen and Plumbing Apprentices of the Plumbing and Pipefitting Industry of the USA and Canada. This gives WJI an advantage when shipping installed products to unionized sites in North America.

Current Geographic Marketing Activities

WJI markets its products directly to industrial companies and to industrial contractors. To date its market has been primarily in the Maritime Provinces with some deliveries to Quebec and Ontario. Increasingly, WJI is successfully bidding and delivering on contracts in the U.S.A. As well, WJI has supplied Japanese firms. Delivery has been to both Canadian and foreign sites.

Industrial Benefit Offset

Saint Conair Enterprises Inc., with its Construction, Fabrication and Industrial Sales and Rentals Divisions, is well positioned to serve a variety of companies requiring Industrial Benefit offset opportunities.

Subsea Rock Dumping Complete packages

THEORIX

Cognos Corporation Ottawa, Ontario Cognos is the world's leading business intelligence software company. Cognos delivers enterprise business intelligence, performance management and analytic applications that help companies understand their business, improve performance and exceed their goals. Cognos has more than 23,000 customers in 135 countries around the world.

- Software Engineering - Java/J2EE, C++, Web Services, Windows DNA, Unix, Linux
- Quality Assurance - Automated Testing, Load and Performance Testing, Manual Testing
- Technical Writing - Online Help, Developer Documentation, Product Documentation
- Software Localization - Translation, Internationalization, Testing

Corel Corporation Ottawa, Ontario Corel is a leading global software company that develops and markets a broad range of software products and services. Corel's flagship product, CorelDRAW Graphics Suite, is the world's leading graphics software suite. Corel's WordPerfect Office is the most widely used alternative to Microsoft Office. Corel's Linux operating system is the leading Linux desktop solution.

- Engineering - Software Development, Quality Assurance, Technical Writing, Localization
- Product Management - Product Management, Product Marketing
- Sales - Sales, Sales Support
- Marketing - Marketing Communications, Public Relations, Web Marketing
- Finance - Finance, Accounting, Human Resources, Information Technology

Corporate Express Canada Inc. Mississauga, Ontario Corporate Express is a leading provider of business services and office products. We help companies around the world improve their bottom line by reducing the cost and complexity of managing their business processes. Our customers include small businesses, large corporations, government agencies and educational institutions.

- Customer Service - Customer Service Representatives, Customer Service Supervisors, Customer Service Managers
- Sales - Inside Sales Representatives, Outside Sales Representatives, Sales Managers
- Marketing - Marketing Communications Specialists, Marketing Managers
- Finance - Accounting Clerks, Accounts Payable Clerks, Accounts Receivable Clerks, Credit Analysts, Credit Managers
- Information Technology - Software Developers, Network Administrators, Technical Support Specialists, Help Desk Analysts, Web Developers
- Human Resources - Human Resources Generalists, Human Resources Managers, Payroll Clerks, Recruiters, Training Specialists
- Operations - Distribution Clerks, Forklift Operators, Inventory Control Clerks, Order Entry Clerks, Purchasing Agents, Shipping Clerks, Warehouse Supervisors

CANADA
NEW BRUNSWICK

topcoatsolutionsinc.

COATING LITE INDUSTRIAL

The Company

Established in January, 2000, Topcoat Solutions Inc. is a no-nonsense process coatings job-shop set up to meet the stringent standards that are required in the Aerospace and Defence Industries. Located in Moncton, New Brunswick, Canada, we are geographically situated to provide services to our customers from Atlantic Canada, Central Canada and the New England states.

Capabilities

Topcoat Solutions Inc. specializes in the application of coatings for the Aerospace and Defence Industries Tier One, Two and Three suppliers. Our customers are metal fabrication, machining, repair and overhaul companies who do not have coating capabilities or companies who want to increase their existing in house processing services. We currently have over twenty different paint systems in house and continue to develop new systems to meet our customers' requirements. Our on site chem film coating system provides us with the ability to meet many Aerospace and Defence MIL specs for non-ferrous parts, with both hexavalent chromate and non-hexavalent chromate applications.

Capacities

Located in Moncton, New Brunswick, Canada our modern 6000 sq. ft. facility is state of the art. Our (4) liquid paint booths can handle a huge volume of parts, with several different coating system requirements all simultaneously. For fast production, quick cycle times, two of our paint booths have self-contained bake ovens for those parts that "just have to go!"

Facilities include:

- 2 industrial paint booths (10' x 20' x 8')
- 2 Down draft paint booths with bake oven (10' x 22' x 8') and (10' x 15' x 8')
- 1 Steel shot blast room (4' x 15' x 8')
- 1 Glass bead blast cabinet (36" x 36" x 48")
- 9 tank chemical conversion line for non-ferrous metals (tank size 24" x 36" x 36")
- 1 Six head Ishow Trak showcase infra-red curing system

TOPCOAT SOLUTIONS INC.
181 Edinburgh Drive
Moncton, NB Canada E1E 2S9
Contact: Perry Colpitts
Title: President
Tel: +1 506.388.5552 Fax: +1 506.388.5559
Toll free: 1.866.TOPCOAT
e-mail: info@topcoatsolutions.com
www.topcoatsolutions.com

Environment and Safety

Topcoat Solutions Inc. has made a serious commitment to our staff and the environment. We continue to meet or exceed various government and environmental standards with the application of the following systems:

- All paint booths have fresh air supplies
- Paint mix room designed with fresh air ventilation
- Fresh air systems provided to all Production staff
- Containment systems in place
- Government approved electronic controlled waste water treatment system
- All paint booth exhausts are stacked
- Chemical Cannonsan Line ventilation
- Retain all required permits
- On site staff training in First Aid, Transportation of Dangerous Goods, WHMIS
- Annual on-site air quality testing

Quality Standards

Topcoat Solutions Inc. is currently working towards ISO 9000:2000 which is scheduled to be completed by September 2002 and registration by late fall 2002. We currently are approved to several Mil Specs and are actively developing others.

- TSC-001
- MIL-T-704
- MIL-C-5541
- MIL-C-22750
- MIL-PRF-22750
- QPL-22750
- MIL-C-5015
- QPL-5015
- MIL-C-5422
- FED-STD-141C
- ASTM-3359-95A
- FED-STD-595B

xwave

AN ALIANT COMPANY

For more than 30 years, **xwave** has played a pivotal role in developing critical information systems for Canada's military. Working through both direct contracts and strategic third-party alliances, **xwave**'s engineers draw on ISO 9001-certified processes to build defence systems that consistently meet the Forces' stringent performance and reliability standards and Security requirements.

Through a contract with Computing Devices Canada, for example, **xwave** helped create a communications management system, and allied- communications-protocol-gateway software for the Canadian Army's Iris radio system. Iris is the world's first fully integrated tactical voice- and data-communication system. It enables secure, seamless voice and data connectivity via radio and telephone, and through satellite links.

Canada's Navy is using **xwave**'s Canadian Naval Electronic Warfare software (CANEWS) on numerous frigates and destroyers; the next generation of CANEWS is now under development. **xwave** has applied this naval Electronic Warfare (EW) experience to land environments as well, the company has developed, delivered and fielded Land Tactical EW systems for the Canadian Army. One of these—the Canadian Electronic Warfare Operations Centre (CEWOC)—delivers advanced sensor and intelligence data-fusion functionality.

Working with Macdonald Dettwiler and Associates, **xwave** helped build the

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www.xwave.com

Maritime Command Operational Information Network Mark III (MCOIN III). The system enhances naval operations in Canada and facilitates the co-operation with other command-and-control systems such as those used by the US Navy, the Canadian Coast Guard, the RCMP and the Department of Fisheries and Oceans.

In addition, **xwave** has played a significant role in a number of mission-critical projects for the aerospace industry. Using advanced technologies that integrate and interpret flight data, aeronautical information, radar data, and voice communication, **xwave** specialists have helped modernize air-traffic management systems around the world. Clients include Honeywell, NAV CANADA, EMS Technologies, the Transportation Safety Board, and the Canadian Space Agency.

Drawing on its business-analysis practice as well as its security and disaster-recovery team, **xwave** also provides the military with in-depth IT consulting in the areas of business-process analysis, document management, system optimization, network management, and security.

With extensive experience and targeted expertise that encompass all sectors of the military, **xwave** builds powerful, secure information systems that meet the Forces' needs.

xwave delivers complete IT services to clients through three service lines: systems integration and software engineering, infrastructure services, and product fulfillment. These areas offer clients a broad delivery capability: **xwave** plans, designs, builds and operates IT solutions that span both corporate and operational systems and fulfill all infrastructure needs. With more than $374 million in revenues and 2,800 people, **xwave** is one of the largest IT services companies in Canada, with offices in St. John's, Halifax, Moncton, Saint John, Fredericton, Montreal, Ottawa, Toronto, Calgary, Edmonton, Texas, New England and Ireland.

More information can be found at www.xwave.com.

PHOTO: MCpl Michel Dorand FIS Halifax

Facilities and Services

New Brunswick puts you hand-to-hand with more than 100 million U.S. and Canadian consumers in less time than a day shift. Situated in the heart of the Atlantic Trading Rim, New Brunswick is strategically located for investment and trade and within deal-making distance of two of the world's great trading blocs: the European Union and North America.

The province's transportation infrastructure is entirely intermodal. New Brunswick's new, modern four-lane highways are fully integrated with U.S. and eastern and central Canadian networks.

Canadian National Railways, the only transcontinental network in North America, links New Brunswick businesses with the Atlantic and Pacific U.S. seaboards, Central Canada, and the Gulf of Mexico

Efficient and user-friendly transborder air access is available through airports. Major terminals offer international connections within a few hours flight time to the key population centers on the northeastern seaboard of the United States, central and eastern Canada, and western Europe

New Brunswick's five ports permit inexpensive and convenient shipping of raw materials and finished goods to the United States and Europe. Global container lines such as Maersk, Tropical Shipping, and Williamson make New Brunswick a regular port of call. Inbound shipping is economical because of low back-haul rates.

New Brunswick is also home to Canadian Forces Camp Gagetown, the largest armed forces training base in the British Commonwealth.

CAMP GAGETOWN

Camp Gagetown is home to two major headquarters, the Combat Training Centre (CTC) and 3 Area Support Group (3ASG). CTC falls under the chain of command of Land Force Doctrine and Training System (LFDTS), while 3 ASG is under command of Land Force Atlantic Area (LFAA).

CTC is dedicated to training professional combat soldiers and leaders within a framework of combined arms operations for service in units across the Army. The Army training Schools include Tactics, Armour, Artillery and Infantry schools. Other major training units found within the camp include the Land Force Atlantic Training Centre responsible for area-specific Army training, Canadian Forces School of Military Engineering, with a mandate to train engineers for service across the Canadian Forces, and 403 Helicopter Operational Training Squadron, which is responsible to train all CH 146 pilots and flight engineers for the Canadian Forces. All of this training is achieved in a safe, healthy and realistic training environment employing expert instructors and effective simulation.

Camp Gagetown is also home to 4 Air Defence Regiment, 4 Engineer Support Regiment and the Second Battalion of the Royal Canadian Regiment – Army field force units that serve their country at home and abroad with pride and distinction.

HEADQUARTERS
3 AREA SUPPORT GROUP
CANADIAN FORCES BASE/AREA
SUPPORT UNIT GAGETOWN
PO Box 17000 Stn Forces
Oromocto New Brunswick E2V 4J5

Contact the G3 Plans at
Tel: +1 506.422.2000 extn 3488
Fax: +1 506.422.1437

HEADQUARTERS
COMBAT TRAINING CENTRE
CANADIAN FORCES BASE/AREA
SUPPORT UNIT GAGETOWN
PO Box 17000 Stn Forces
Oromocto New Brunswick E2V 4J5

Contact the G3 Coord at
Tel: +1 506.422.2000 extn 3810
Fax: +1 506.422.1241

FACILITIES AND SERVICES

The provision of support to training and other elements in our geographical area is assured by the highly motivated military and civilian team of 3 Area Support Group, committed to quality service standards.

Camp Gagetown has a footprint of over 1100 square kilometers. The permanent campsite, located in the northeast, is about 100 kilometers from Saint John. The terrain is varied which caters to both mounted and dismounted operations. The open corridors with scattered woods are ideal for armour and infantry maneuvers and the woods and swamps adequately simulate jungle conditions. The climate, although quite humid, changes seasonally with ample snowfall in winter and high temperatures in the summer enabling personnel to conduct challenging training throughout the year.

Located adjacent to the main campsite is Camp Argonaut, the Atlantic Region Army Cadet Camp. The camp's 350 staff members train 1200 cadets, both male and female, each summer in a virtually self-contained seasonal camp.

Camp Gagetown's training area includes small arms, grenade, mortar, rocket launcher, anti-tank, field artillery and air defence ranges as well as tracked and wheeled vehicle driving areas. Field Engineers also conduct bridging and demolitions training here. All activity in the training area is controlled and coordinated by Range Control, ensuring the safe use of the various facilities.

Camp Gagetown is located adjacent to the Town of Oromocto where the Permanent Married Quarters (PMQs) are located. The combined Oromocto/Camp Gagetown population is approximately ten thousand, of which 70 percent are military personnel and their dependants. The very close relationship between Camp Gagetown and the Town makes Oromocto unique in Canada.

Camp Gagetown employs approximately 500 full time civilians in various occupations as well as over 3000 military personnel. Being one of the largest employers in the province of New Brunswick, Camp Gagetown is considered a very significant contributor to the local economy.

New Brunswick's Military Airport: The Greater Fredericton Airport

Located only minutes by ground and seconds by air from the largest training base in the British Commonwealth – CFB Gagetown, the Greater Fredericton Airport knows and understands the needs of the Aerospace and Defence Industry.

Handling more domestic and U.S. military aircraft than any other airport in New Brunswick, the Greater Fredericton Airport continues to work with CFB Gagetown so that we understand the emerging needs of today's aerospace and defence industries.

Only minutes from many of Fredericton's aerospace and defence industry suppliers such as Learmonth, EPC, the University of New Brunswick, SDI, Content Alive and many more, the airport has all the necessary facilities available:

- **Understanding the needs of the users of the airport,** the Airport Authority undertook a runway extension to its primary runway, which will be complete by mid September 2002. This will result in the Greater Fredericton Airport having the longest runway in the province.
- The Greater Fredericton Airport is **positioned to work with the aerospace and defence industry** and has the space available on-site to house aircraft and storage facilities.
- **A full service airport** providing top-notch service! Whether looking for on-site maintenance, fuel or storage space, etc., the Greater Fredericton Airport has your needs covered.
- **Require private meeting facilities?** The Greater Fredericton Airport has boardroom space available, which is fully equipped for all your meeting needs.

A growing airport, the Greater Fredericton Airport, continues to expand and grow with the community. Significant improvements to the terminal building are currently under way and will further enhance the services offered by the airport.

GREATER FREDERICTON AIRPORT
2570 Route 102 Hwy, Unit 22
Lincoln, New Brunswick E3B 9G1

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Title: Director of Marketing and Business Development

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e-mail: macleanh@frederictonairport.ca
www.frederictonairport.ca

Meeting the needs of the aerospace and defence industries, the Greater Fredericton airport is taking off!

Highlights of Benefits of the Greater Fredericton Airport

- Located next to CFB Gagetown
- Longest runway in the province (as of September 2002)
- Two Runways (8000' as of 09/02 and 5300')
- Fixed Base Operator on-site
- On-site maintenance
- Storage space
- Fuel Service
- 24-hour/7 days a week Flight Service
- ILS
- Best weather in the province! Most flights are diverted to YFC from the other NB airports
- Fire fighters on-site
- Restaurant services
- Ground Transportation
- Two flight schools on-site
- Provincial Capital
- Close to Aerospace/defence contractors

GREATER MONCTON AIRPORT
AÉROPORT DU GRAND MONCTON

GREATER MONCTON INTERNATIONAL AIRPORT (YQM)

Greater Moncton Airport (GMA) is Atlantic Canada's most centralized airport with modern and efficient highway access to the entire Maritime region. Fredericton, Saint John and Prince Edward Island are less than two hours drive, Halifax a less than three, with Quebec, Montreal, Toronto and New York within easy reach. The growth at the airport reflects the economic direction and diversity of the region. Since 1997 numbers using the airport have grown by over 80% with an expected 900,000 passengers in 2002.

GMA is the only airport in Atlantic Canada serving all three scheduled Canadian carriers. The following passenger airlines presently serve GMA:

- Air Canada
- Air Canada Jazz
- Air Saint Pierre
- Canjet
- Westjet
- Skyservice

Domestic destinations served from GMA include Toronto, Hamilton, Halifax, Fredericton, Montreal, Saint John, with easy connections to Calgary, Winnipeg and Vancouver. GMA also has full service Customs and Immigration facilities, international services exist to Saint Pierre et Miquelon, Dominican Republic and Cuba on a seasonal basis.

GREATER MONCTON INTERNATIONAL AIRPORT
1573 Champlain Street, Unit 11
Dieppe, NB E1A 7P7
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Title: Director of Airport and Commercial Development
Tel: +1 506.856.5444 Fax: +1 506.856.5451
e-mail: kcampbell@gma.ca
www.gma.ca

FACILITIES AND SERVICES

The tremendous growth has resulted in the construction of a "state of the art" air terminal building with opening ceremonies scheduled for September 2001. The airport plan is in the planning stage for the development of a new terminal at a 30,000 square foot multi level complex facility adjacent to the new air terminal facility.

Calgary is an integral part of the airport community and a rapidly growing business from traffic and Manitoba's Cargo have made CAM, Main Wheels Canada have an operations.

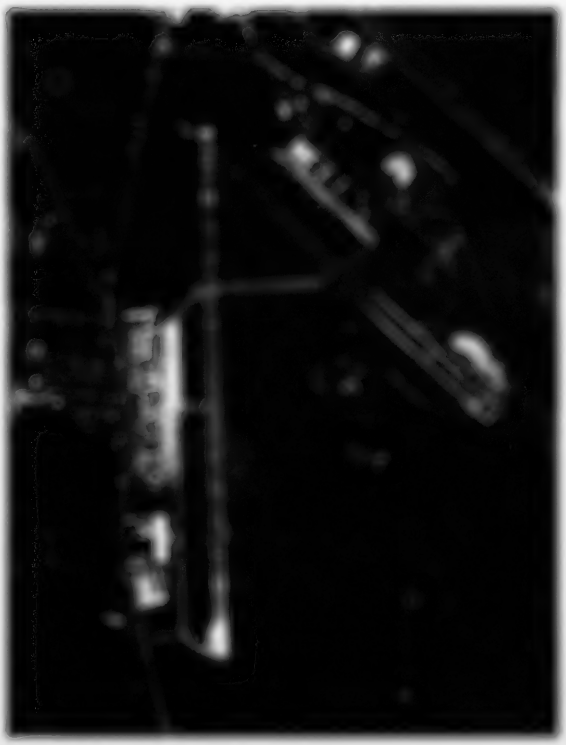
The following Cargo facilities presently serve CAM:

- Air Wave
- FedEx
- Bond Cargo
- Prairie Mount Air
- Prairie Air Services
- Rainbow Courier

Included in the newly completed airport master plan for CAM, Nova Aviation's leading airport is an aircraft Maintenance facility that will perform all levels of checks including heavy maintenance.

Greater Moncton Airport is Nova Aviation's only full service airport with a fully operational tower and offers full service to all arriving and departing traffic 24 hours per day. Customs and Immigration offices are located on CAM allowing for quick and efficient processing of passenger and cargo.

- Airlines: Air FedEx Limited
- Airlines: [illegible] Air Express
- Airlines: [illegible] maintenance
- Air handling: [illegible]
- Other aviation: [illegible] Aviation Canada, [illegible] Aviation Canada
- [illegible] and [illegible]

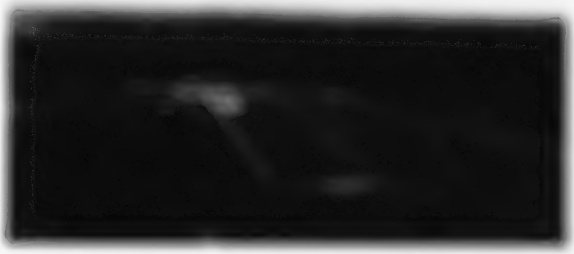


Miramichi Airport

Miramichi Airport Commission (1992) Inc.

COMPANY PROFILE

Miramichi Airport (YCH) is a certified airport operated by the Miramichi Airport Commission, a not-for-profit organization. The Commission was created in 1972 to obtain title to, construct and operate a new airport to serve the Miramichi region. The Commission's mandate is to support economic development in the region and to provide safe, efficient and convenient aeronautical facilities to the travelling public.



OPERATIONS HIGHLIGHTS

Miramichi Airport Commission has operated the Airport since 1996, when the Department of National Defence closed the operating role at CFB Chatham and transferred ownership of the Chatham Airport to the Miramichi. In addition, the Airport operates a flight training school and Miramichi Aviation is also involved with flight training. The Airport operates privately from general aviation support including jet fuel, as well

OPERATIONS

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OPERATIONS

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SAINT JOHN AIRPORT

AIRPORT FACILITIES

Saint John Airport provides runways, taxiways and services approximately as follows: 06/24 (5002 ft) is asphalt; 7/25 (7,000 ft) is asphalt. Category 1 Landing systems - ILS both ends, 14/32 is 5000 ft, 7/25 ... published 0.3% on both ends and a VOR with minimum intermediate approach and edge lighting.

The airport operates 24 ... hours (0600 to 2400 hours local) daily for scheduled flights, medivac and general aviation ... supported by Category 1 Emergency Response. Travel usually provides FIR advisory services 24 hours a day.

The expanded and renovated Air Terminal Building (ATB) offers all amenities including a newly established Customs and Immigrations Services area. The ATB is approximately 40,000 square feet on the public level.

Saint John Airport handles 300,000+ passengers annually and serves 24 scheduled flights per day between Saint John and Toronto, Montreal, and Halifax. Annual air movements of 25,000 are considered light for the airfield's capacity. Twice daily service to the northeastern US ... Bar Jet, Maine and Portsmouth, New Hampshire begins in late July.

INDUSTRIAL/COMMERCIAL DEVELOPMENT OPPORTUNITIES

Saint John Airport has 730 hectares of land fronted by 2500 feet of existing road and power lines. Water and sewage systems are currently in place to the corner of this property. This land is generally flat and gravel land. The 60" water mains supplying the city of Saint John pass through this property, providing significant volumes of water for prospective tenants. Backing on this area is an additional 224 acres of land suitable for development. Saint John Airport Land is available on a lease basis with terms of up to 10 years.

COMMUNITY PROFILE

Saint John is New Brunswick's largest urban center and the industrial heartland of Atlantic Canada and is the gateway to the major trade route into the northeastern USA.

Greater Saint John is home to both heavy and light industry ... conventional and nuclear power generation, petroleum refining, shipbuilding, plastics, metal working, pulp and paper production and food processing ... the province's financial and legal centre in the province, an important national and international remote customer service and telecommunications centre, a growing centre for engineering excellence and a major distribution centre for pulp and paper, lumber, petroleum products, agri-foods and manufactured goods.

SAINT JOHN AIRPORT INC.
4180 Loch Lomond Road
Saint John, NB, E2N 1C7

Contact: John S. Buchanan
Title: President & CEO

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e-mail: buchanan@saintjohnairport.com

FACILITIES AND SERVICES

Saint John has a highly skilled work force with a high concentration of skilled manufacturing trades people, accustomed to shift work in a fast paced, quality oriented industrial environment.

Saint John offers some of the documented lowest operating costs in North America, an excellent education system with the University of New Brunswick Saint John and the New Brunswick Community College. In addition, Saint John is home to leading edge technology firms such as Alcatel and has recently attracted world class corporations such as IBM, Xerox, CleenLogix, Air Canada, Sonoxbridge Networks, DMR and Nortel Networks; each of which have established world-class global service facilities ... manufacturing, research and development, remote customer service, technical support or software development.

STRATEGIC LOCATION

Saint John Airport is within a 30-minute drive of the majority of the area's population providing easy access to and for employees.

Situated near Route 1, the main transportation corridor from Atlantic Canada to the U.S., Saint John Airport is 70 miles from the Canada/US border providing a strategic location with excellent road access to major markets in Atlantic Canada, Ontario, Quebec and the United States.

Road, rail and sea links complement the airport's services offering and make Greater Saint John Atlantic Canada's transportation portal to the world ... served by two international railways Canadian National and NB Southern Railway ... more than 20 trucking firms ... the Port of Saint John is Canada's 2nd busiest marine terminal by volume ... a year round port facility with excellent service to and from the US eastern seaboard, Central and South America, Europe, Asia, the Middle East and the Caribbean. This transportation infrastructure also positions Saint John Airport as an ideal assembly or manufacturing site for European companies expanding into North American or NAFTA markets.

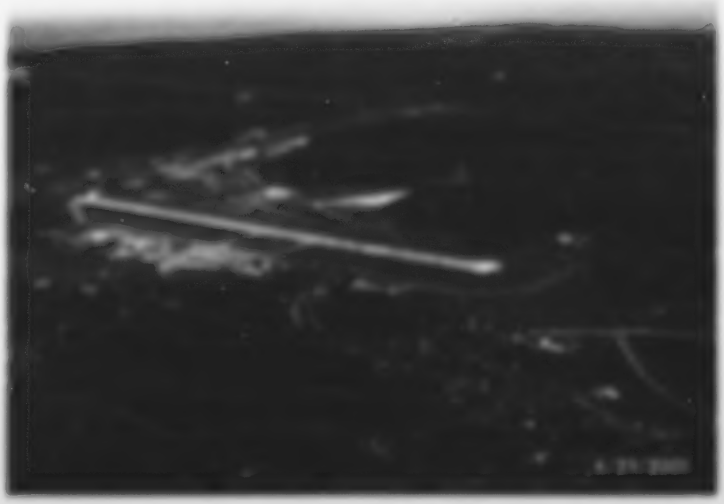

PHOTO: MC.pl Jeff D. de Molnar

Research and Development

Atlantic Canada has more universities and colleges per capita than any other region in Canada as well as more university students per capita than any other region in Canada.

The Province of New Brunswick is home to 17 universities and community colleges as well as 100 private training institutions – one of the highest per-capita concentrations of institutes of higher learning in Canada and one of its largest concentrations of information technology firms. It has a history of educational excellence, with long-established universities with high-quality, well recognized programs and internationally-recognized research and development labs.

First rate research and development facilities bolster support of the booming manufacturing and information technology industries.

Bridging the gap between pure research and technical development in the private sector are institutions such as the National Research Council's Institute for Information Technology (NRC IIT), NRC's Industrial Research Assistance Program (NRC IRAP), the Research and Productivity Council (RPC) and Genieo. NRC's outstanding people help turn ideas and knowledge into new products, processes and services, creating value for Canada. RPC and Genieo are world class institutions which operate independently on a cost recovery basis and combine some of the best scientists, engineers, and technologists, with current state of the art equipment to provide solutions to the technological challenges of industry. This research and development environment fosters innovative technologies that yield new products, create high quality jobs, and make industry more competitive.

Genieo

SOLUTIONS • DESIGN

Genieo is in business to develop new products that succeed in the market place - on time, on spec., and on budget. It is one of the only research & development centers in Canada offering a complete array of product design services and solutions for a diversified range of products, - from concept to functional prototype (including all engineering tasks and resources).

Our mission: To promote and transfer technology to the private sector by designing and developing innovative and value-added products.

Established in 1983, Genieo offers expert services in six areas:

- Industrial Design
- Mechanical Engineering
- Electronic Engineering
- Software Development & Application
- Industrial Engineering
- Rapid Prototyping

Genieo is a design solution provider that uses in-depth studies through a specialized development process.

RESEARCH

In liaison with experts in the engineering, sciences and technology faculties at l'Université de Moncton, Genieo conducts research to assess new technologies, opportunities and applications. As an example, the thin film research group at the Université de Moncton and COM DEV collaborated on a micro-gravity thin film deposition aerospace project for NASA.

DESIGN

We have the methods and tools to conceive products that satisfy the consumers' needs and wants, thus increasing the chance of market success. Discover the freshness in our designs through:

- End-user studies and focus groups on consumers' needs and wants
- User context and environment requirements, and validation
- Ergonomics
- Human Interface
- Value-added benefits

DEVELOPMENT

Genieo is a full-capability product developer experienced in requirements definition, design, prototyping, testing, all the way to handing a production unit to the manufacturer (turnkey projects).

We have assembled a Multi-disciplinary team with the know-how to solve your product development issues.

GENIEO
Scientific Park, Suite 100,
55 Crowley Farm Road
Moncton, N.B. E1A 7R1

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Title: Innovation Agent

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e-mail: hached@genieo.ca
www.genieo.ca

RESEARCH AND DEVELOPMENT

Focused on cost, quality, schedules and performance, our specialty is optimizing and customizing the products to suit the user within the environment in which the product will function, as well as optimization for manufacturing, assembly and maintenance. We engineer products using the latest technologies while ensuring quality and physical integrity. Genieo brings simple solutions to complex problems.

- 3-D modeling using Pro/E
- Manufacturing Process
- Cost reduction analysis
- VHDL and FPGA
- ARM and StrongARM
- Real Time and Embedded OS development
- C++, Visual Basic, MFC, etc.
- Database Design
- Networking and Wireless communications
- Genetic Algorithms and Neural Networks
- PC routing
- Jigs and Prototyping

"Genieo approaches their work in an organized, well thought out manner" (Client)

RAPID PROTOTYPING

Rapid Prototyping is a free-form fabrication process used to create a limited production run of functional prototypes that closely resembles commercial production units. It is used most frequently to validate form, fit and function. This low-risk process can also be used to test the market, evaluate potential, and promote the product. Rapid Prototyping is a fast and cost effective solution to product design.

- Stereolithography
- Silicone moulds
- Polyurethane castings
- Plaster Based Models

FIELDS

- Commercial Equipment
- Plastics
- Metal
- Medical
- Aerospace
- Navigation
- Automotive
- Electronics
- Communications and Control
- Scanning Systems
- Specialized Management Systems
- Development Platforms
- Consumer Products
- End-Products
- Sporting Goods

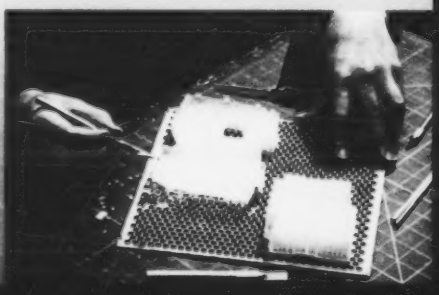
"A world-class league product development and prototyping organization." (Client)

OTHER SERVICES

- Technical Feasibility studies
- Engineering Product Requirements
- Project Management
- Technical follow-up and Support

We design solutions for the future - solutions that will increase your competitive advantage, solutions that will make your business more profitable.

..... Innovation at your door



New Brunswick Community Colleges

The New Brunswick Community College is a province-wide network of 11 training and educational institutions which provide a variety of training options. Committed to offering increased educational opportunities in both official languages, qualified instructors bring innovation and expertise to their fields. The colleges are committed to keeping up with the newest trends in technology, and continuously updating computer systems, software tools, techniques and procedures.

The NBCC Network has developed a strong reputation with employers both provincially and nationally, offering one of the best combinations of theory, practical and job-exposure training in its full-time programs. Offering quality educational services and training allows NBCC to respond to changing economic and workforce demands.

Our Moncton and Dieppe campuses offer a Transport Canada approved program that

The NBCC Quality Management System ensures colleges receive recognition in regional, national and international job markets. Each college is committed to providing quality opportunities for learning that meet the needs and expectations of clients as well as encouraging innovation and the ongoing improvement of our educational environment.

NEW BRUNSWICK COMMUNITY COLLEGE
500 Beaverbrook Court
Fredericton, NB, E3B 5X4

Contact: Gilles Johnson
Title: Educational Consultant

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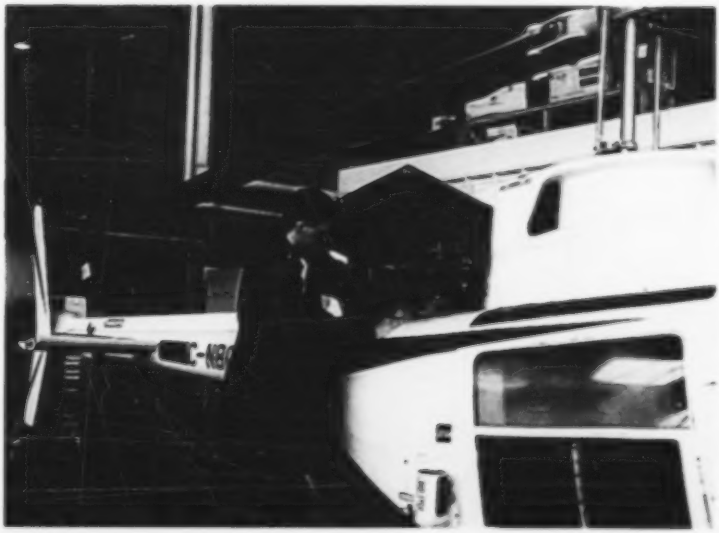
e-mail: gilles.johnson@gnb.ca
www.nbcc.nb.ca



trains students for employment in the field of aircraft maintenance engineering and prepares them to competently perform specific tasks related to avionics. This training, which has a duration of 2 years, provides students with the job-entry level skills required to inspect, maintain and repair fixed-wing and rotary-wing aircraft. Some of the areas of study for this program include: Aircraft Metallic Structure, Metallic Structural Repair, Aircraft Hydraulic and Pneumatic Systems, Landing Gear, Turbine and Piston Engines, Propellers and Governers as well as Inspection and Ground Handling Aircraft.

The second year option (Aircraft Maintenance and Avionics) offered by NBCC-Monition, includes the following areas of study: Avionics Telecommunications, Physics for Aviation, Avionics Electrical Systems and Microprocessors, Automation Flight Control Systems and Avionics Navigation. Our graduates are employed by maintenance organizations and by companies that repair, overhaul and/or manufacture aeronautical products Graduates are also employed with commercial aviation companies, national and international airlines, and private aircraft maintenance firms.

We also offer many other technology-based programs throughout our network. Some of these include Electronic Information Systems Technology, Industrial Control Technology, Mechanical Engineering Technology and Knowledge Engineering Technology to name a few. Our Machinist, Tool & Die, and Welding, as well as our Computerized Numerically Controlled Manufacturing (CNC) Technician programs are but a few which prepare graduates for employment in a wide range of technical and industrial activities.

As a high performance organization, the New Brunswick Community College Network offers a wide variety of training opportunities including 120 full-time programs, either two-year technology programs or one-year business or industry driven programs. The network also delivers contract training, night school, literacy training, short courses and web based distance deliveries in its effort to provide quality training and educational products and services.

NRC · CNRC

NRC Institute for Information Technology

Recognized globally for research and innovation, Canada's **National Research Council (NRC)** is a leader in the development of an innovative, knowledge-based economy for Canada through science and technology. NRC operates world-class research facilities as well as information, technology and innovation support networks from coast to coast. NRC works hand in hand with partners from industry, government and universities to help ignite the spark of innovation in communities across the land and to give Canadian companies a competitive edge in today's marketplace.

The NRC Institute for Information Technology (IIT) – www.iit.nrc.ca – is one of the National Research Council's research institutes. Its mission is to assist industry through collaborative research and development projects. The Institute works with companies individually and in groups, with product developers and lead users, with firms both large and small.

IIT has five sites, four of which are in Atlantic Canada. IIT – Wireless Systems is located in Sydney. IIT – e-Business comprises Moncton (e-Learning), Saint John (e-Health), and the main site in Fredericton, where the Institute's new building is due to open in Fall 2002. This will house 40 researchers in several streams of e-business research, for example e-government. Many of these researchers have been at work for some months in temporary offices on the University of New Brunswick campus.

Projects already underway include such varied areas of enquiry as business rules and web

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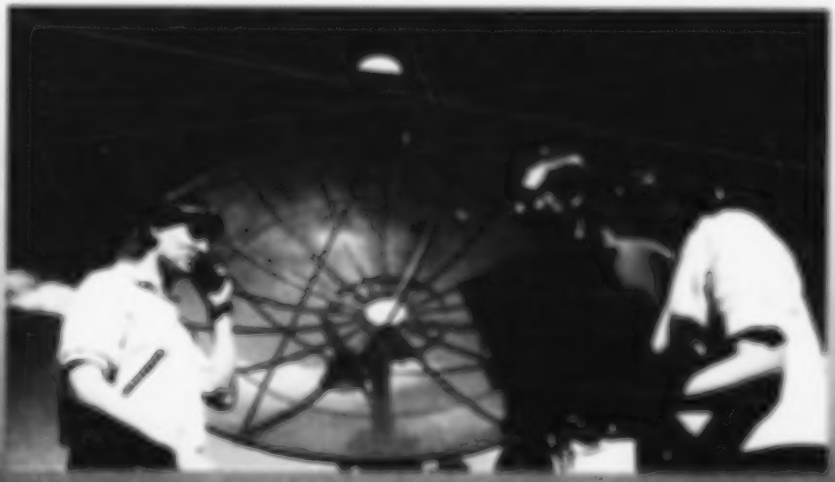
services, e-procurement configuration systems, Voice XML, and IT decision support for sustainable development.

Researchers at **IIT's Wireless Systems Laboratory** extend and exploit recent advances in low power microelectronics, modulation techniques, error correcting codes, antenna design, digital signal processing, communication and network protocols, Microelectromechanical Systems (MEMS), embedded processors, and advanced power sources to integrate wireless communication modules in a wide range of devices. **The primary focus of the research is to develop low-power and low-cost wireless communication technologies.** The Wireless Systems group is located on the campus of the University College of Cape Breton in Sydney, Nova Scotia.

Of particular interest to the defence and aerospace industries is the fact that NRC Research Officers' expertise cuts across many application areas. Work that NRC IIT is doing in Artificial Intelligence could be applied to a defence setting or an e-health setting, or e-learning, etc.. This is increasingly the case because of the convergence of technologies and the frequent use of the Internet. In addition, NRC IIT is a link to the entire network of NRC institutes and resources such as the Industrial Research Assistance Program (IRAP). For example, the Integrated Manufacturing Technologies Institute (IMTI) in London, ON, has a System Simulation 3D Lab that is often used in a defence context.

IIT interaction with business includes licensable technologies, R&D support and business mentoring, and flexible working partnerships. Companies who wish to do research in partnership with NRC - IIT can be invited to co-locate in the industrial partnership facility (IPF), which will be the third floor of the new building in Fredericton. **Further information on business partnerships is available from Business Development Officer Marc-Alain Mallet at (506) 444-6123. E-mail: Marc-Alain.Mallet@nrc.ca Fax: (506) 452-3839**



rpc

Your Technical Solutions Centre

Votre centre de solutions techniques

RPC is a contract research, development and testing organization that serves clients in all sectors of industry. Our extensive laboratories and manufacturing facilities are located in Fredericton, New Brunswick. RPC's staff of engineers, scientists and technologists undertakes a wide range of projects for clients in New Brunswick, elsewhere in Canada and abroad. RPC has done numerous projects in the aerospace and defence industries in the area of precision manufacturing, scale-tunnel aircraft models, prototype component design, non-destructive examination, reverse engineering, and failure analysis. RPC has been providing technical services to clients in business and industry for over 30 years and has an ISO 9001:2000 Quality Management registration.

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We supply extensive on-site mechanical and electronic trouble-shooting services to all sectors of industry including aerospace, defence, power generation, and printing. In support of this role, we have expertise in mechanical design, precision manufacturing and inspection, prototype manufacture and calibration services. Our modern machine shop is well suited for its specialized role in product development, equipped with a versatile range of tools including coordinate measuring machines, CNC laser cutting, turning, and milling centres. We undertake specialized

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www.rpc.ca

RESEARCH AND DEVELOPMENT

machining and inspection services for high-value niche markets, such as aerospace, oil & gas and defence.

Our diagnostics capability includes development of unique measurement devices and sensors, frequently based on ultrasonic ultrasonic technology. We specialise in custom designed instruments that permit remote inspection. Our latest development is an ultrasonic device for continuous monitoring of corrosion/erosion rates at service operating temperatures up to 650°C. The device can measure corrosion/erosion rates as low as 100 micrometres within +/- 5% accuracy.

Professional and technical services

- precision component design and manufacturing
- mechanical design and engineering services
- concept prototyping
- reverse engineering
- service down gauge testing
- calibration of pressure gages, electronic equipment
- service mechanical and electronic trouble shooting
- ultrasonic sensor and device development
- ultrasonic transducers

PHYSICAL METALLURGY

IMR's metallurgists provide consultancy services to industry on a broad range of material problems. Typical projects involve failure and failure analysis, condition monitoring, and corrosion control. Our metallurgical capabilities include expertise in non-destructive testing, mechanical testing, materials characterisation, weld procedures, and metallography.

You should consider a metallurgical investigation when service failures have major financial, safety, or legal implications. A metallurgical investigation determines or confirms the mechanism of service failure.

Professional and technical services

- failure analysis
- materials selection and identification
- welding and corrosion consultancy
- charpy and tensile testing
- hardness testing
- fracture toughness testing
- liquid penetrant inspection
- magnetic particle inspection
- ultrasonic inspection

RESEARCH AND DEVELOPMENT

UNIVERSITÉ DE MONCTON

L'Université de Moncton est l'unique établissement universitaire de langue française au Nouveau-Brunswick. Elle compte trois campus situés à Moncton, Edmundston et Shippagan. Ses effectifs comprennent environ 5 000 étudiants à temps plein et 1 000 à temps partiel, provenant de toutes les régions de la province et d'ailleurs au Canada, ainsi que de nombreux pays francophones du monde entier. L'Université de Moncton emploie plus de 800 personnes à temps plein, dont environ 400 professeurs, et offre un grand nombre de programmes dans plus de 50 domaines d'études, y compris des programmes de maîtrise et de doctorat.

En entrant dans le nouveau millénaire, l'université a créé un milieu universitaire qui favorise l'utilisation de la technologie. En tirant parti des nouvelles technologies en éducation et en se branchant à l'autoroute de l'information, l'Université de Moncton a ouvert la voie à l'enseignement à distance et à l'apprentissage interactif, qui sont en train de devenir des éléments importants de notre système d'éducation.

L'Université de Moncton a également mis au point des programmes de pointe en technologie de l'information répondant aux besoins pressants du marché du travail.

UNIVERSITÉ DE MONCTON
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UNB University of New Brunswick

The University of New Brunswick is the province's largest research and educational institution. Its two campuses, one located in Fredericton and the other in Saint John, undertake some 22 million dollars worth of research per year. One fifth of this work is in the form of private sector research contracts completed for clients from the Atlantic region and around the world, largely in engineering and the sciences.

The university's involvement with the aerospace and defence industries spans three decades. The CF-18 purchase initiated a partnership between UNB and McDonnell Douglas in the 1980s which facilitated the introduction of advanced CAD/CAM technology to the province's engineering and manufacturing sectors via the university. Today, the Department of Electrical and Computer Engineering is working on two contracts for C&N Westland Helicopters. The outcomes of these contracts, one related to the prediction of machine health and the other assessing the application of chaos theory to vibration control, could see application in the next generation of aircraft as well as in other machinery. Looking forward, activity in the Faculty of Computer Science is about to be initiated related to an agreement stemming from DND's letting of a contract for the development of a secure command and control system. This activity will not be the Faculty's first venture in secure military communications.

In addition to research, as an educational institution, UNB delivers specialized employee training under contract. For example, the

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university delivered aerospace engineering training, patterned on a Bell Helicopters Bombardier program, on behalf of Bombardier Defense Systems.

The Engineering Faculty consists of the Departments of Chemical, Civil, Electrical and Computer, Forest, Geodesy and Geomatics, Geological and Mechanical Engineering. Computer Science is a stand alone Faculty and the Faculty of Science is made up of the Departments of Biology, Chemistry, Geology, Mathematics and Statistics, and Physics. All are active in contract research.

Fields of expertise include: acoustics, aerospace materials, aerodynamics, antenna design, adaptive systems, bonding, composites, CAD/CAM, controller and performance monitoring software, communications systems, digital communications, data visualization, data and communications transmission security, digital signal processing, fluid mechanics, fault diagnosis, GPS, heat transfer, high speed machining, intelligent sensors, instrumentation, mechatronics, modeling & optimization, NDT, neural networks, predictive control, pattern recognition, remote imagery, structural joints, software architecture and usability evaluations, sonar signal processing, satellite communication, turbulence, and vibration, to name a few. Work in the material sciences and engineering is supported by analytical facilities such as TEM, SEM, Auger and microprobe instrumentation.

In addition to research is the university's other primary activity, the development of human resources, the basis of corporate health and growth. The Coop programs in Engineering and Computer Science provide year round job placements for UNB engineering and computer science students, to the benefit of both employers and students.

Issues related to research contract development, IP, funding leverage and project documentation, etc. are handled by the Centre for Research and Development Services, a Member of the Canadian Defense Industries Association.

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transmission security, digital signal processing, fluid mechanics, fault diagnosis, GPS, heat transfer, high speed machining, intelligent sensors, instrumentation, mechatronics, modeling & optimization, NDT, neural networks, predictive control, pattern recognition, remote imagery, structural joints, software architecture and usability evaluations, sonar signal processing, satellite communication, turbulence, and vibration, to name a few. Work in the material sciences and engineering is supported by analytical facilities such as TEM, SEM, Auger and microprobe instrumentation.

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PHOTO: MCpl Jeff D. de Molay

Government

Both the Government of Canada and the Province of New Brunswick are committed to increasing the overall wealth and well being of its citizens through effective economic development programs, projects and initiatives.

Both levels of government have identified aerospace and defence as strategic development sectors.

Within the federal government, Industry Canada operates under the direction of the Minister of Industry with the support of the Secretary of State (Science, Research and Development), whose portfolio includes several agencies and crown corporations. The Atlantic Canada Opportunities Agency (ACOA) is one of these agencies. ACOA is the federal organization mandated to help build economic capacity and enhance the growth of earned incomes and new employment in the region.

Within the provincial government, the Department of Business New Brunswick is responsible for strategic sector development and regional development. There are now three main divisions within the department: business and innovation, investment and exports, and finance and support. Business partnerships and business services have been established to focus on generating new business opportunities through federal government procurement and other large supply projects. The aerospace/defence industries have been identified as strategic to economic development for job creation and business growth in the province.

As detailed in the following section, resources have been allocated, programs are in place and strategies have been developed to address the needs of the sector.

PHOTO: McCall Staff D. de Mestral

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As detailed in the following section, resources have been allocated, programs are in place and strategies have been developed to address the needs of the sector.

Message from the Minister

Business New Brunswick

Welcome to New Brunswick. The door is open to business opportunities in our province and we are inviting you to take part in the action. We want to be on your radar screen.

The aerospace and defence industry in Canada is on the move with rapid sales growth reported over the past decade. In New Brunswick, we want to be supportive of business in a growing key sector which produces high-paying jobs. We want the aerospace and defence industry in our province to reach its full potential. That is why we are working to establish new business partnerships with private sector contractors in Canada and around the world.

Since our last publication, the first New Brunswick Aerospace and Defence Industry Day trade show was held at the Saint John Trade and Convention Centre, hosted by Business New Brunswick and the New Brunswick Aerospace and Defence Industry Consortium. The successful show was held to promote the province's aerospace and defence capabilities to prime contractors as well as to suppliers and federal government agencies involved in procurement.

The province's involvement in this event was part of the government's commitment to the industry and to securing New Brunswick's future. Approximately 18 companies registered to participate in this new opportunity to attract business and investment to New Brunswick and Atlantic Canada.

In 2001, Business New Brunswick also participated in the Nova Scotia International Air Show where it launched the first edition of this guide. Meanwhile, the New Brunswick Aerospace and Defence Industry Consortium hosted a visit for contractors to CFB Gagetown, the largest military base in the British Commonwealth.

At Business New Brunswick, we are focused on working closely with the business community, other government departments, the academic sector and other levels of government to stimulate positive growth in our economy as we enter into the 21st century. We are channelling our efforts toward global competitiveness as we work to create jobs, improve our innovation capacity, increase our productivity, and expand our exports.

Our province is export-ready and our research and development capabilities are outstanding. We offer a 10 per cent tax credit on research and development activities and, with a solid network of research facilities, our industries, government and universities collaborate to fuel innovation.

The creation of a New Brunswick Innovation Foundation and a $20 million Innovation Fund will act to bring together the private sector, universities and government to generate new innovation investments for our province. Our competitive tax structure, healthy economic climate and the entrepreneurial spirit of our people also help to enhance and support opportunities for growth and development.

Included in this guide is information on a number of New Brunswick companies which are fully prepared, equipped or already operating in the aerospace and defence industry in our province. They have been included in this guide based on their capabilities and expertise and they have pledged their full support to building a stronger industry in New Brunswick. Their expertise in innovative, competitive goods and services are driving the growth of our industry in New Brunswick.

Our province also has additional resources in business consulting, research and development as well as the necessary transportation infrastructure you will need to carry out business objectives. We have six commercial airports in operation throughout New Brunswick and CFB Gagetown is located just outside the capital city of Fredericton.

In New Brunswick, we are beginning to make our mark in aerospace and defence. I am confident the strengths and abilities of our team of companies will enable our province to continue on its path toward greater opportunity and greater prosperity for all New Brunswickers. Check us out and see what New Brunswick can do for your business.

Hon. Norman Betts

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Message from the Minister

Business New Brunswick

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New Nouveau
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Province of New Brunswick / Department of Business New Brunswick

The Department of Business New Brunswick (BNB) is focused on global competitiveness. The department works closely with the business community, other government departments, the academic sector and other levels of government to stimulate positive growth in our economy as we enter into the 21st century. Resources and energies are dedicated to creating wealth, improving our innovation capacity, increasing our productivity and expanding our exports.

Over the next three years, Business New Brunswick will concentrate its efforts on identifying and developing industry clusters which offer the greatest opportunities for the province. This strategy is already having an impact on New Brunswick's aerospace and defence sectors.

The Business Partnerships and Business Development Services units have been established to generate new business through federal and other large supply opportunities with respect to manufacturing and technology development and applications available from within the province's existing and emerging industrial sectors. The aerospace and defence sectors are very important relative to job creation and business development as N.B. industrial benefit opportunities and the formation of strategic alliances with prime contractors and sub-contractors should be maximized to promote N.B. industry capabilities. The development and growth of the aerospace and defence industries in New Brunswick will be based on a government/private sector coordinated action plan or strategy aimed at both the federal government and the prime contractors which are bidding on federal aerospace and defence contracts.

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AEROSPACE AND DEFENCE DEVELOPMENT STRATEGY

Highlights:

The aerospace and defence sector strategy highlighted below is based on attaining three overall objectives:

1. *Work with industry and other relevant entities to better define the current capability of the Province within the sector. Such capability will be regularly maintained, updated, and communicated;*

2. *Define market opportunities, in both domestic and global terms, that best fit New Brunswick's capability and strategic direction; and*

3. *Work with stakeholders to effectively coordinate business development activities. This includes activities within the province, as well as coordinated activities with other provinces, federal entities, and global opportunities.*

Role of Government *is:*

- *Work toward fair distribution of federal procurement activities by collectively working with the federal government and the governments of the other Atlantic Provinces to enforce the federal Industrial and Regional Benefits (IRB) policy.*

- *Inter-Governmental Affairs (IGA) in each provincial government must work with their counterpart in the federal government to seek clarification of the value of contracts to Atlantic Canadian companies so that better estimates of IRBs in the region can be continued.*

- *Keep active and informed of federal procurement and service support contracts in aerospace and defense so that partnerships between local companies and prime contractors can be established prior to conclusion of the bidding process. This is quite important, as bidders are required to describe their IRB plan in their bidding documents. Successful bids are usually based on technology, price and lastly, IRB plan.*

- *Establish and maintain a dedicated aerospace and defence team to address the needs of the sector in the province. Activities will include:*

  - *Work with local private sector firms, universities and pertinent research and development institutions to define the capabilities of the province and communicate this information to relevant federal entities and to prime bidders/contractors.*

  - *Work with the Community Economic Development Agencies in advising and supporting regionally based companies participating in IRB projects.*

  - *Promote the activities of the stakeholders within the sector to both levels of government and to act as advocate on matters of importance.*

  - *Develop a coordinated work plan with the Consortium for each fiscal year with clearly defined objectives.*

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New Nouveau
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CANADA

Province of New Brunswick / Department of Business New Brunswick

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  - Develop a coordinated work plan with the Consortium for each fiscal year with clearly defined objectives.

Also to have the work plan and budget approved by the Deputy Minister of BNB.

- Work with prime contractors and bidders to identify and support opportunities for provincial firms.

- Facilitate trade missions and New Brunswick visits between prime contractors/bidders, provincial stakeholders, and government officials.

- Work with other regional Consortiums (or regional aerospace and defence associations) to effect regional partnerships between companies.

- Facilitate regular meetings of stakeholders in New Brunswick.

- Assist with technical and financial assistance matters related to the sector. This includes both provincial programs (see below) as well as securing matching funds (see Federal Section)

Role of Private Sector:

The aerospace and defence private sectors are made up of manufacturing and IT companies which are either presently doing work in the aerospace/defence sector or are capable and prepared to enter into these fields. They are prepared to be "certified" and/or audited (technical) by potential prime contractors attracted to the province. Firms have agreed to work with the provincial aerospace and defence team to:

- Work to develop and maintain a capability GUIDE, which each member of the aerospace and defence organization could share with others outside the province in the promotion of activities, and capabilities.

- Work towards proper Standards Certification in aerospace and defense activities within each company. Also, maintain relevant standards and to ensure that these matters are reflected properly in the GUIDE.

- Encourage information sharing among the group relating to aerospace and defense issues and activities.

- Encourage work sharing within the group or other companies in NB, when it is of mutual benefit to companies involved.

- Provide relevant statistics to the aerospace and defence team on a confidential basis so that IRB spending in the province can be effectively measured.

- Examine the need to join or form other association such as the Aerospace Industries Association of Canada, Canadian Defence Industries Canada, or a new Pan Atlantic Association in support of the interests of the industry and organizations within the group.

- Participate on Technical Missions and/or Trade Shows selected to promote the interests of the sector.

- Participate in relevant meetings held within the province.

PROGRAMS AND ASSISTANCE:

The Department has a number of support and financial assistance programs that are continuously reviewed and enhanced to ensure high value to customers while leveraging the resources of other partners. To find out more about the programs listed below and others, visit the BNB web site at www.gnb.ca/bnb-enb

BNB- New Brunswick Directory of Manufacturers and Selected Services to Industry

The directory is a reference tool of current information on New Brunswick's manufacturing and selected service firms organized in for quick and easy access to information (products and services, alphabetically, regionally, and industrial parks). To get a copy of the directory, visit the Business New Brunswick Web site at http://www.gnb.ca/bnb-enb

BNB-Financial Assistance to Industry Program (FAIP)

This program supports startup or expansion projects through term loans or loan guarantees resulting in job creation. It also supports "job maintenance." Working capital or term loan guarantees are the preferred method of financial assistance.

BNB-Technical Assistance Program

Business New Brunswick offers a Technical Assistance Program to New Brunswick manufacturers, processors and selected services firms to help upgrade operational efficiency. The assistance is in the form of a grant and is intended to encourage the adoption of improved technologies and processes in the workplace and to offset some of the direct costs associated with identifying and securing such technologies and processes. Assistance for technical projects and missions is available through company-shared funding initiatives.

BNB-Strategic Assistance Program

This program has been established to assist selected high potential businesses, operating or contemplating operation in the Province. The program permits the Province to be more active in providing special incentives for particular opportunities as they arise to ensure the maximum economic potential for New Brunswick. The program provides grant and forgivable loan assistance where conventional programs cannot meet the development needs.

BNB–Direct Loans, Guarantees, Equity and Special Investments

Financial assistance to eligible applicants through direct loans, loan guarantees, equity and / or shareholder loans. This program provides financial assistance to eligible applicants in accordance with the terms and conditions of the New Brunswick *Economic Development Act.*

Also to have the work plan and budget approved by the Deputy Minister of BNB.

- Work with prime contractors and bidders to identify and support opportunities for provincial firms.
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- Work to develop and maintain a capability GUIDE, which each member of the aerospace and defence organization could share with others outside the province in the promotion of activities, and capabilities.
- Work towards proper Standards Certification in aerospace and defense activities within each company. Also, maintain relevant standards and to ensure that these matters are reflected properly in the GUIDE.
- Encourage information sharing among the group relating to aerospace and defense issues and activities.
- Encourage work sharing within the group or other companies in NB, when it is of mutual benefit to companies involved.
- Provide relevant statistics to the aerospace and defence team on a confidential basis so that IRB spending in the province can be effectively measured.
- Examine the need to join or form other association such as the Aerospace Industries Association of Canada, Canadian Defence Industries Canada, or a new Pan Atlantic Association in support of the interests of the industry and organizations within the group.
- Participate on Technical Missions and/or Trade Shows selected to promote the interests of the sector.
- Participate in relevant meetings held within the province.

PROGRAMS AND ASSISTANCE:

The Department has a number of support and financial assistance programs that are continuously reviewed and enhanced to ensure high value to customers while leveraging the resources of other partners. To find out more about the programs listed below and others, visit the BNB web site at www.gnb.ca/bnb-enb

BNB- New Brunswick Directory of Manufacturers and Selected Services to Industry

The directory is a reference tool of current information on New Brunswick's manufacturing and selected service firms organized in for quick and easy access to information (products and services, alphabetically, regionally, and industrial parks). To get a copy of the directory, visit the Business New Brunswick Web site at http://www.gnb.ca/bnb-enb

BNB-Financial Assistance to Industry Program (FAIP)

This program supports startup or expansion projects through term loans or loan guarantees resulting in job creation. It also supports "job maintenance." Working capital or term loan guarantees are the preferred method of financial assistance.

BNB-Technical Assistance Program

Business New Brunswick offers a Technical Assistance Program to New Brunswick manufacturers, processors and selected services firms to help upgrade operational efficiency. The assistance is in the form of a grant and is intended to encourage the adoption of improved technologies and processes in the workplace and to offset some of the direct costs associated with identifying and securing such technologies and processes. Assistance for technical projects and missions is available through company-shared funding initiatives.

BNB-Strategic Assistance Program

This program has been established to assist selected high potential businesses, operating or contemplating operation in the Province. The program permits the Province to be more active in providing special incentives for particular opportunities as they arise to ensure the maximum economic potential for New Brunswick. The program provides grant and forgivable loan assistance where conventional programs cannot meet the development needs.

BNB–Direct Loans, Guarantees, Equity and Special Investments

Financial assistance to eligible applicants through direct loans, loan guarantees, equity and / or shareholder loans. This program provides financial assistance to eligible applicants in accordance with the terms and conditions of the New Brunswick *Economic Development Act.*

Canada

Federal Government Organizations involved with Industrial Regional Benefits (IRBs) in Atlantic Canada

OVERVIEW

- The federal government Industrial Regional Benefits (IRBs) infrastructure is composed of a number of departments and agencies with economic development responsibilities. Industry Canada is the lead department and is responsible for implementing the federal Industrial and Regional Benefits policy on behalf of the Government of Canada. Staff from Industry Canada act as IRB authorities on all federal procurement projects for which Canada seeks IRBs.

- In addition, Canada has three regional economic development agencies and departments that were established to create and implement programs contributing to long-term economic development in their respective regions of the country. In Atlantic Canada it is the Atlantic Canada Opportunities Agency (ACOA).

- ACOA is part of the Industry portfolio, which includes 14 departments and agencies that report through the Minister of Industry to Parliament. As a member of the portfolio, ACOA is the Atlantic region's main contact point for federal government programs, services and policies – providing the most direct link available to other federal development organizations.

ATLANTIC CANADA OPPORTUNITIES AGENCY
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- The regional agencies/departments assist the IRB authority in the preparation of IRB-related contractual documents, in the evaluation of bids and in some cases, in the negotiation of IRB contracts. Industry Canada, ACOA, Canada Economic Development for Quebec Regions (CED(Q)) and Western Diversification (WD) are members of the Senior Project Advisory Committees for each major procurement.

ATLANTIC CANADA OPPORTUNITIES AGENCY

WHO WE ARE

In the Atlantic provinces, the Atlantic Canada Opportunities Agency is the federal government organization mandated to help build economic capacity of the region by increasing opportunities for economic development and, more particularly, enhancing the growth of earned incomes and new employment.

ACOA's objective is to support and promote new opportunities for economic development in Atlantic Canada with an emphasis on small- and medium-sized enterprises. It does this through policy, program and project development in the region, and by advocating the interests of Atlantic Canadians in national economic policy and program circles.

ACOA embraces the principles of partnership, and works with all stakeholders in Atlantic Canada – provincial and municipal governments, the private sector, the academic community, etc. – to ensure that its activities on behalf of the region's economies are relevant and yield tangible and measurable results.

In this sense, ACOA embodies the values implicit in the phrase, "building a stronger economy together."

WHAT WE DO

ACOA approaches its work in Atlantic Canada in a highly strategic manner, focusing on the creation and growth of small- and medium-sized businesses, on overcoming barriers to growth and on fostering a development environment in the region as well as on areas of special opportunities.

OUR PROGRAMS AND SERVICES

To meet its objectives in each of its key strategic development areas, ACOA administers, or is involved in several programs. To access these programs and learn more about ACOA's strategic priorities, visit their website at www.acoa-apeca.gc.ca.

CANADA

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Canada

Federal Government Organizations involved with Industrial Regional Benefits (IRBs) in Atlantic Canada

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ATLANTIC CANADA OPPORTUNITIES AGENCY

[redacted]

- The regional agencies/departments assist the RIB authority in the preparation of RIB-related contractual documents, in the evaluation of bids and in some cases, in the negotiation of RIB contracts. Industry Canada, ACOA, Canada Economic Development for Quebec Regions (CEDQ) and Western Diversification (WD) are members of the Senior Project Advisory Committees for each major procurement.

ATLANTIC CANADA OPPORTUNITIES AGENCY

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UNDERSTANDING ACOA'S ROLE WITH INDUSTRIAL DEVELOPMENT

ACOA is a staff member on Quebec Project Advisory Committee (PAC) throughout the procurement process involving Major Crown Projects. This includes, inter alia, the preparation of all RFP activities at Request for Proposals, Model Contracts and other procurement documentation. ACOA participates in the evaluation of bids, and in the selection process leading up to the awarding of a contract to the successful bidder. In addition, ACOA is also a member of the Procurement Strategy Committee for three procurements (previous Q) and DND activities.

ACOA adopts a three-pronged approach to the promotion of economic opportunities for Atlantic Canada arising from defence and government projects:

(1) in cooperation with Public Works and Government Services Canada, Western Diversification, Canada Economic Development for Quebec Region (CEDQ), Industry Canada and other interested departments and agencies, ACOA aims to ensure that the procurement process fully addresses the Federal Government's objectives of operational effectiveness, value for money, competition, and fairness, and to maximize its regional considerations. Particular attention is given to providing the opportunity for Atlantic firms to participate in supplying the projects;

(2) ensure that ACOA's offices in Ottawa and, more importantly, the ACOA offices in the principal centres of the Atlantic Provinces, cooperate in identifying the potential prime contractors for projects. It is ACOA's policy to avoid bidding or undertaking the RFP requirements of projects, particularly in respect to Atlantic Canada, and to let the large firms assembling or bid packages that include Atlantic applications, the responsible aspect of the process. It is desirable that Atlantic candidate suppliers be kept constantly informed of developments as appropriate;

(3) ACOA Procurement and Industrial Benefit Officers, located in St. John's, Halifax, Sydney, Charlottetown and Fredericton, working with provincial governments and federal regional offices, identify and encourage Atlantic firms to complete either as suppliers or as major partners in potential prime contractors or alternative participants in projects. The ACOA regional offices administer a wide range of financial and non-financial assistance to improve the competitiveness of Atlantic suppliers.

GOVERNMENT

DID YOU KNOW?

- Digital skills growth was 4x per 100 Canadian firms (Canada's average adoption is 4% place in the world)
- Only a 5% industry in 2000 reached $20 billion in Canada.
- It 4% per 10 years Canadian average industry also from new from business creating 10,000 new jobs.
- In 2001 Canadian company hire employed more than 10,000 Canadians in high quality, above average paying jobs.
- Montreal is Canada's leading educated technology capacity, each 4% per cent of its output and growing is considered 6th largest of 10 cities over 1M.
- Canadian companies are global key to Canada is regional private from one per connected technologies, staff as online regions, light can citizens leading and and service applications.
- Even the second 4th world Canadian company products as a and providing ads citizens and citizens at need solutions creating seven communities and operating 4th operations of Canada's military and is cities.
- Montreal is an innovation leader a cities and residents of technologies like that applications is almost every other sector of Canada's economy.
- For more information, visit www.ised-isde.canada.ca/site/digital-economy/en/digital-skills

UNDERSTANDING ACOA'S ROLE WITH INDUSTRIAL REGIONAL BENEFITS

ACOA is a full member on Senior Project Advisory Committees (SPAC's) throughout the procurement process involving Major Crown Projects. This includes input into the preparation of all IRB sections of Requests for Proposals, Model Contracts and other procurement documentation. ACOA participates in the evaluation of bids, and in the selection process leading up to the awarding of a contract to the successful Bidder. In addition, ACOA is also a member of the Procurement Strategy Committee for those procurements between $5 and $100 million.

ACOA adopts a three pronged approach to the promotion of economic opportunities for Atlantic Canada arising from federal government projects:

1) in cooperation with Public Works and Government Services Canada, Western Diversification, Canada Economic Development for Quebec Regions (CEDQ), Industry Canada and other interested departments and agencies, ACOA aims to ensure that the procurement process fully addresses the Federal Government's objectives of operational effectiveness, value for money, competition, and fairness; and is responsive to regional considerations. Particular attention is given to providing the opportunity for Atlantic firms to participate as suppliers of projects.

2) assists the ACOA-based and Atlantic-wide organizations in the principal centres of the Atlantic Provinces. Cooperation is extended to the potential prime contractors for projects. It is ACOA's policy to assist bidders in understanding the IRB requirements of projects, particularly in respect to Atlantic Canada, and to facilitate their assembling of bid packages that include Atlantic suppliers, for important aspects of the activity. It is possible, for the bidders, to establish suppliers for their consideration, and other bid proposal items as appropriate.

3) ACOA Procurement and Industrial Benefit Officers, located in St. John's, Halifax, Sydney, Charlottetown and Fredericton, working with provincial governments and federal regional offices, identify and encourage Atlantic firms to compete either as suppliers or as major partners to potential prime contractors or otherwise participate in projects. The ACOA regional offices administer a wide range of financial and non-financial assistance to improve the competitiveness of Atlantic suppliers.

DID YOU KNOW?

- Rapid sales growth over the past decade has earned Canada's aerospace industry its 4th place in the world.
- Sales in the industry in 2000 reached $20 billion in Canada.
- In the past 10 years, Canadian aerospace industry sales have more than doubled, creating 40,000 new jobs.
- In 2001, Canadian aerospace firms employed more than 93,000 Canadians in high quality, above-average paying jobs.
- Aerospace is Canada's leading advanced technology exporter, exporting nearly 80 per cent of its output and generating a cumulative trade surplus of $25 billion since 1990.
- Canadian companies are global market leaders in regional aircraft, business jets, commercial helicopters, small gas turbine engines, flight simulation, landing gear and space applications.
- Every day around the world, Canadian aerospace products are at work providing safe, effective and efficient air travel solutions, exploring secure communications and supporting the operations of Canada's military and its allies.
- Aerospace is an innovation leader, a critical incubator of technologies that find applications in almost every other sector of Canada's economy.
- For more information, visit www.ainc-inac.gc.ca/pr/ecdev/industry/ind_sum/facts_figures.html

Notes

Atlantic Canada Opportunities Agency

Agence de promotion économique du Canada atlantique

Canada

New Nouveau Brunswick CANADA